

12
Book No. 12

H. A. ALLARD

FIELD COLLECTION NUMBERS

15688 - 16999

HISPANIOLA

SEPT. 11, 1947 to NOV. 12, 1947

- # 15688 to 15720 inc. - Ciudad Trujillo
 # 15721 to 15732 " Piedra Blanca
 # 15733 Ciudad Trujillo
 # 15734 to 15735 - Jaina Beach
 # 15736 to 15761 - Ciudad Trujillo
 # 15762 to 15788 - Piedra Blanca
 # 15789 Ciudad Trujillo
 # 15790 - 15832 - Ozama River marshes
 # 15833 - 15841 - Ciudad Trujillo
 # 15842 - 15896 - Sabana de la Rosa
 # 15897 - 15905 - Ciudad Trujillo
 # 15906 - 15939 - Ozama River marshes
 # 15940 - 16041 - Sabana de la Rosa
 # 16042 - 16050 - Colonia Ranfis at 1800 ft
 # 16051 - Ciudad Trujillo
 # 16052 to 16101 Pine forests, Piedra Blanca
 # 16102 - 16171 Big Cares near Ciudad Trujillo
 # 16172 - Piedra Blanca
 # 16173 to 16204 Ciudad Trujillo
 # 16205 - 16227 - Big Cares near Ciudad Trujillo
 # 16228 to 16250 - Jaina Beach
 # 16251 to 16343 Colonia Ranfis 1800 ft
 # 16344 to 16383 - Near Ciudad Trujillo
 # 16384 to 16600 - Constanza and region
 # 16601 to 16624 inc. Ciudad Trujillo.

- # 16625 to 16727 inc. Piedra Blanca
 # 16728 to 16744 inc. Ciudad Trujillo
 # 16745 to 16769 " Colonia Ranfis
 # 16770 to 16878 - Ciudad Trujillo
 # 16819 to 16999 Piedra Blanca

Allard, H. A.

Dominican Republic

1947.

Book 12.

Field Notes nos. 15688 - 16999.

50174

Manufactured by
 U. S. Government Printing Office

15688^d

B. m. reticulata

15688

15689

15689

every 4th line

15690

15690

Leaf spots on mango leaves
in Allard's yard, Ciudad Trujillo
15688 Coll. Sept. 11, 1947. H.A. Allard
Leaves yellow and fall
in considerable quantities ✓

15689 Leaf spots on *Cajupita*
Anacardium occidentale L.
on Allard's grounds ✓
Ciudad Trujillo, Sept. 11, 1947
H.A. Allard

15690 Leaf spots on lime - Allard's
grounds, Ciudad Trujillo. ✓
Sept. 11, 1947. H.A. Allard

15691 Leaf spots on Sandbaptree
Hura crepitans L. ✓
in Allard's grounds - Sept. 11, 1947
H.A. Allard

15692 Lichens on bark
of mango tree, Allard's
grounds, Ciudad Trujillo, ✓
Sept. 11, 1947. H.A. Allard

15693 Same Lichens
with # 15692
same data ✓

✓ 15694 Bryophyta (or Hepatic)
on mango tree - with
15692 same date etc

Lichens on *Aranea reticulata*
Ciudad Trujillo
15695 on Allard's grounds
Sept. 11, 1947. ✓
H.A. Allard

15696 Dissected coffee leaves
Piedra Blanca - April or
May, 1947. ✓ Howard T. Allard

15697 fl. blue, small, in low
ground along Ozama River
13/1 mile above Ciudad Trujillo
✓ Sept. 12, 1947. H.A. Allard

15698 *Juncus*
several same locality with
15697. ditto

15699 Low, creeping plant
with # 15697 - fl. small
+ faint bluish white. ditto

15700 Sedge. with # 15697
white bracts (at base) ditto

15701 Grass with # 15697 ditto
in wet meadow along
Ozama River 1 mile or
more above Ciudad Trujillo. 9-12/47

juncus, in low, wet ground
along Ozama River 1-1 1/2 miles
above Ciudad Trujillo.
15702 Sept. 12, 1947. H.A. Allard
sedge

15703 Sedge - 3 angled stem
(1) ✓ with # 15702 ditto

15704 Sedge
✓ 13/ with # 15702

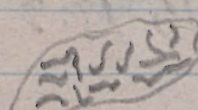
15705 Sedge
3/ ✓ with # 15702
low, small plants

15706 Leaf spots, brown
on Anacardium occidentale L
Sept. 13, 1947, at H. F. Allard's
(upper surface) ✓

15707 Leaf spot on leaves
of Anacardium occidentale L
at H. F. Allard's, Sept. 13 ✓

15708 Lichens on A. occidentale
branches above,
same date, data. etc. ✓
yellowish areas ditto

Gray Lichens on branches of
Anacardium occidentale L, ✓
15709 Allard's grounds, Ciudad
Trujillo, Sept. 13, H.A. Allard
(Pammel's ?)

15710 Elongate white lichen on
same tree as # 15709 ditto ✓


15711 Gray lichen on Howard's
mango tree bark Sept. 15, 1947 ditto ✓

15712 Lichen - Pammel's ? on
same tree with 15711 on same
mango tree Sept. 11, 1947 ditto ✓

15713 Lichen on same tree
with # 15711 - vivid green -
near base of tree. ditto

15714 Grass. In old banana
field at Ciudad Trujillo, Sept. 15, 47
H.A. Allard

15715 Pammel-like - have
greenish lichen on bark of
Anacardium occidentale
in Allard's yard Sept. 15, 1947 ✓
15715a

Bluish gray or slate colored
lichen on *Antiarthrum occidentale*
at Allard's, Ciudad Trujillo, Sept. 15, 1947
H.A. Allard

15716

15717 White patches lichen on
same tree bark with # 15716 ditto

15718 Black velvety patches
of moss with # 15716 ditto

15719 Two lichens - one
small elongate black spots
with # 15716 ditto

15720 - Shelf fungus -
with # 15716 ditto

15721 Leaves of Mango with
spots (Piedra Blanca)
Sept. 16, 1947. H.A. Allard

15722 Red flowered legume near
rubber plantation
very showy. Stamens long.

Shrub in woods at Piedra Blanca,
fl. white 10-15 ft tall. H.A. Allard
Piedra Blanca
Hl 74, Sept. 16, 1947

15723

15724 Nevera flowers & bare
woodrich rubber plantation
ditto

15725 Bauhinia
fl. drooping, pure
yellow. Near rubber
grove ditto

15726 Lichens on rubber
trees ditto

15727 Sedge in rubber
grove (Goodrich) ditto

15728 Moss in rubber grove
with # 15727 ditto

15729 Sedge - tangled stems
on trail near Piedra
Blanca in damp soil ditto

Moss on hepatic, on
tree bark in shade along
main river near Piedra
Blanca, Sept. 16, 1947. H.A. Allard

15730
15731 water plant; fl. white
along roadside near
Piedra Blanca
abundant in water ditto
here

15732 High climbing vine; leaves large
10-12 in. across, long, heart shaped
at base, with very narrow sinus
climber on tree-trunk.
15733 fl. large - in clusters. Deep
blue purple; much planted. Sept 20
C.T.

15734 Small tree in yard, most of way
covered with large petals, yellowish at base
lined with brownish lines - petals 5, H.A. Allard
Cinco de Mayo, Sept. 20, 1947.
Leaf spatulate on sea grape
Naima Beach - Sept. 21, 1947
H.A. Allard

15735 Walk on leaf of sea grape
Naima Beach Sept. 21, 1947
H.A. Allard

15736 Sedge
Cinco de Mayo, Sept. 25, 1947
H.A. Allard

Sedge near
with # 15736 - 9-25-47
H.A. Allard

15737

15738 Low grass for Allard's lawn
with # 15737
9-25-47
H.A. Allard

15739 Grass with
15737.
Same date etc.

15740 Tall grass - 5-6 ft
in clumps, in waste
ground near # 15737
Same date. Single
leaves,

15741 Grass. In lawn
with # 15737.
Soon sheaths fall from rachis,
Same data etc

15742 Shrub - small white fl.
waste ground in limestone outcrops
near airport, Sept 26, 1947
H.A. Allard

15743 Shrub - red flowers
showy
near # 15742 ditto.

15744

Grass - on limestone
outcrop - Ciudad Trujillo
near airport (with # 15744)
Sept 26, 1947, H.A.

15745

Red fl. - dromocera
with # 15744 ditto
Very attractive.

15746

Purple Anthracae
with # 15744 ditto
Frequent in coastal area

15747

Herb - tall white fl.
long pods. with # 15744 ditto

15748

White flowered -
trailing - narrow petals
with # 15744 ditto

15749

bulb - rose pink
flowers - scape near ditto
15744 outline soil
Very showy. (D. neri, rosado)
Zephyranthes bifolia

15750

Grass climbing in
brushy waste land, west of
Ciudad Trujillo Sept. 26, 1947 ditto

15751

Grass Paspalum
with # 15744 - Sept. 26, 1947
H.A. Allard

15752

Grass - Paspalum
On caliche soil, Ciudad
Trujillo, near # 15749.
Sept. 26, 1947. H.A. Allard.

15753

Moss on thin soil on
caliche rocks near
15749. Sept. 26, 1947
H.A. Allard

15754

Plant in lawn - a weed
fl. yellow - prostrate - Sept. 28, 47
Ciudad Trujillo H.A. Allard

15755

Tree Rattle: fl. rose purple
Sept. 28, 1947, at Country Club
H.A. Allard

15756

Small flowered composite
yellow: on golf course at
Country Club 9/28/47. H.A. Allard

15757

Mistletoe - on
Rattle (ie on 15755; also
on Casuarina. Near # 15754
Sept. 28, 1947 H.A. Allard

Bulbous filaments in lamina
at Country Club - yellow fl.
Leptanthes, 9/28/47
15758 H.A. Allard
very common - almost a weed
and escape,

15759 fig - large tree at
Country Club 9/28/47
A large tree H.A. Allard

15760 *Solanum* - at Open
Country Club - Sept. 28, 1947
H.A. Allard 5 ft. fl. white

15761 *Bixa* - fl. lilac
Piedra Blanca - in thickets
Sept. 30, 1947
H.A. Allard

15762 woody vine on Maimon River
Piedra Blanca - near Bridge
Sept. 30, 1947
fl. white H.A. Allard

15763 Mint - fl. small, white
5-6 ft tall - herb. on Maimon River
Piedra Blanca - near # 15762
ditto

15764 *Eichornia crassipes*? fl. purplish
on Maimon River near bridge, blue,
Piedra Blanca ditto

Near Maimon River in
wet soil - Piedra Blanca
Sept. 30, 1947
H.A. Allard

15765
✓ (1)

15766 Herb 3-4 ft. - fl. white
In moist soil on trail
near Piedra Blanca
Sept. 30, 1947 ditto

15767 Tree 20-30 ft. tall
fl. white
near # 15766 ditto

15768 *Desmodium* - running stems
fl. nearly crimson
In thickets and along trail
near # 15766, common ditto

15769 *Desmodium* - fl. purplish
Prostrate & ascending,
with # 15768 ditto

15770 *Pharus glaber* HBK.
on trail near # 15769
Erect stems; frequent ditto

15771 Shrub 4-5 ft. fl. white
on trail near # 15769
frequent
stamens purple ditto

Andropogon - 5-6 ft -
In thickets on trail near Piedra
Blanca, 9/30/47, H.A. Allard

15772

15773

Paspalum
along trail near # 15772 ditto
single spikes

15774

Shrub 8-10 ft - or small
tree; brist purple,

Near # 15772 ditto
glabrous, coarsely serrate leaves,

15775

Scleria 2-4 ft.
on trail near # 15772 ditto

15776

Paspalum - spikes turning
2-3 ft. Near # 15772 ditto

15777

Paspalum - spikes scattered
2-3 ft. Near # 15772 ditto

15778

Sedge.
Damp soil on trail near 15772 ditto

Tall Paspalum 2-3 ft.
very hairy sheaths. On trail
near Piedra Blanca in
woods Sept. 30, 1947. H.A. Allard

15779

15780

Paspalum ditto
Near # 15779
spikes scattered

15781

Near # 15779 ditto
Very common

15782

Desmodium
Ascending - fl. purplish
on trail near # 15779 ditto

15783

Desmodium
Ascending - fl. red
on trail near # 15779 ditto

15784

Sedge
on trail near # 15779 ditto

15785

Desmodium
Ascending stems
fl. purplish. on trail
near # 15779. frequent ditto

15786 Moss on Calabash Tree
Near Piedra Blanca near
main on River 9/30, 47
H.A. Allard

15787 Euphorbia-like tree
fl. red showy - leaves
much divided, arb.
Near Piedra Blanca in yard
9/30/47 H.A. Allard
15 ft tall,

15788 Gerardia fasciculata
On Santa highway, ab. K.L. 37
9/30/47, H.A. Allard
fl. deep. rose, few plants
(rare)

15790 weed in Allard's lawn
Ciudad Trujillo
Amaranthus Oct 2, 1947
H.A. Allard

15791 Mint - 5-6 ft. fl. deep rose pink
In swale along Ozama River 2-3 miles
above Ciudad Trujillo - on bank
Oct 2, 1947. H.A. Allard

15792 Sagittaria
leaves broad, in swamp
Low, wet River marsh near #15790

15792 Small branched plant
5-6 feet - in drier ground
near #15790 ditto
ditto

Asclepias & white fl.
On banks of Ozama River 2-3 miles
above Ciudad Trujillo. Oct. 2, 1947
H.A. Allard

15793
1/1

15794 Psidium - spikes single
Damp soil near #15793 ditto

15795 Grass - Andropogon
In marsh of Ozama River above
5-6 ft tall, ditto

15796 Composite - small, white fl.
In marsh with #15795 ditto

15797 Sedge
In wet soil near #15795 ditto

15798 Leaves of Alnus tree
with leaf spots ditto
Near #15795 ✓

15799 Small, small, erect plant.
fl. white. In drier ground ditto
edge of marsh above

Reinischloa or Paspalum in wet
soil along Ogawa River marsh 2-3 miles
above mouth, Oct. 2, 1947

15800

H.A. Allard,
spikelets often discolored-yellow

✓ 15801

Shrubby - yellow flowered
in marsh above
Evening Primrose farm,

ditto

✓ 15802

same location
near # 15801

ditto

✓ 15803

Cyperaceae
Very damp, heavy soil
near # 15801

ditto

✓ 15804

Sedge
in muddy soil
in above marsh

ditto

✓ 15805

Cyperus
Cyperaceae
in muddy soil with
15801

ditto

✓ 15806

Cyperus
in wet soil with # 15801

ditto

✓ 15807

Cyperus
in muddy swale along
Ogawa River above mouth
2-3 miles Oct. 2, 1947
H.A. Allard

15808

Paspalum - single spikes
very slender leaves, narrow
in drier soil on edge
of marsh in clumps, ditto

15809

Sedge
in muddy soil in
marsh above,

ditto

15810

Grass -
in wet soil near # 15808

ditto

15811

Sedge
in wet soil with 15809

ditto

✓ 15812

Sedge
in wet, muddy soil with
15809

ditto

✓ 15813

Sagittaria -
narrow leaves
in muddy soil near
15809

ditto

15814 *Cyperaceae*
In marsh along Ozama River
2-3 miles from mouth
Oct. 2, 1947
H.A. Allard
In mud and water

15815 Sedge
with # 15814 ditto

15816 Tall *Paspalum*
In red soil in above
marsh, ditto

15817 *Cyperaceae*
White bracts
In mud and water in
above marsh, ditto

15818 Grass
In marsh (red) with
15817 ditto

15819 *Paspalum*
In red soil in same
marsh with # 15817
spikes parallel, ditto

15820 *Mikania* - fl. white, fragrant.
In full bloom. Trailing over
grass and herbage in red muddy
soil with # 15817.

15821 Shrubby - yellow flowers
Evening Primrose fam.
In red, muddy soil
along Ozama River 2-3 miles
from mouth, Oct. 2, 1947
H.A. Allard

15822 Sedge
In red soil with
15821 - ditto

15823 Sedge
with # 15821
red soil ditto

15824 Sedge
with # 15821
In red soil ditto

15825 Sedge
In muddy soil with
15821 ditto

15826 Sedge
In mud with
15821 ditto

15827 Sedge
In mud with
15821 ditto

yellow flowered Composite
in marshes along
15828 Oyanza River 2-3 miles
from mouth, Oct 2, 1947
H.A. Allard
✓ common

15829 Herb - 1-2 ft. tall ditto
✓ in moist soil near
15828; fl. small, blue.

15830 Low, creeping, matted
✓ plant with white flowers
in bogs along Oyanza River ditto
in damp soil on edge of
marsh only, very abundant

15831 Tall Paspalum
in marsh with # 15828 ditto
Plant A

15832 Paspalum
near # 15828 ditto
Plant B

15833 Ornamental - pale - filices,
✓ very showy - hairy - herbaceous
fl. in umbels. Oct. 5, 1947
H.A. Allard

15834 Weed in Allard's grounds
✓ fl. small, white; elongate
buds Oct. 5, 1947
H.A. Allard

Common weed in cult.
grounds - flowering when extremely
small - fl. pinkish
Oct. 5, 1947
H.A. Allard

15835

15835a fungus

15836 Sedge in lawn
✓ at Ciudad Trujillo -
Allard's lawn. Oct. 5, 47
Intensive root H.A. Allard

15837 Weed -
✓ Allard's lawn
Ciudad Trujillo -
fl. whitish Oct. 5 ditto

15838 Grass - low - in Allard's
lawn Panicum
Oct. 5, 1947 ditto

15839 Grass - Allard's lawn -
low - Panicum
Oct. 5 ditto

15840 Setaria
in Allard's lawn ditto

15841 Panicum maximum
✓ Guinea grass,
waste grounds
Ciudad Trujillo ditto

15842

Orchid - fl white 3-3 1/2 feet tall
In arroyo - Sabana de Rosa
Rd 28, Buena Vista Highway
epiphytic on stump Oct. 5, 1947
H.A. Allard

15843

Cuscuta on shrubs, herbs
Near # 15842

ditto

15844

Vine, on shrubs, etc
In arroyo with # 15842
winged fruits - white

ditto

15845

Scleria
Sandy soil with # 15842

ditto

15846

Eragrostis
Dry, sterile soil near # 15842

ditto

15847

Sedge -
Dry, sterile soil with # 15846

ditto

15848

Low herb - fl orange -
leaves narrow
with # 15846

ditto

15849

Grass - Panicum
Very slender, tufted - single
sterile spike. Dry, sterile
Soil with # 15846
Sabana de la Rosa
near Rd 28. Oct. 5, 47
H.A. Allard

15850

Sedge - in clumps -
leaves very slender
with # 15849

ditto

15851

Grass panicum
Decumbent -
In arroyo near # 15842
moist, shady soil
Very pubescent,

ditto

15852

White flowered herb -
fl. in dense heads
Leaves very pubescent beneath,
In dry soil with # 15849

ditto

15853

Tall sedge - in moist
soil in arroyo near # 15842

ditto

15854

Deep rose purple fl -
Small, low herb -

ditto

15855

Shrub - with purple white
berries in pendulous racemes
4-5 feet, in moist arroyo
with # 15849

ditto

15856

shrub - 4-5 feet
in arroyo at Pl 28
Sabana de Santa Rosa,
Oct. 5 - 1947

Ha. allard

fruit yellowish capsule



15857

Low terrestrial orchid
In arroyo near # 15856
Flowers greenish

ditto

15858

Epiphyte - in fruit,
on old shrubs. In damp
arroyo with # 15856

ditto

15859

Slender shrub
whitish flowers
Leaves alternate



ditto

15860

Shrub - white fl.
purple berries - Hicaco
Chrysanthemum - berries edible
last as grapes,

ditto

15861

Sedge - Very slender
Damp, sterile soil near
15856.

ditto

15862

Sedge In wet soil
in arroyo with 15856

ditto

15863

Sedge - In wet
soil near # 15862
Oct. 5 -

Pl 28 - Sabana de Rosa

15864

Sedge -
In damp soil near # 15862

15865

Sedge
Damp soil in wash
near # 15862

ditto

15866

Sedge -
In dry soil near
15862

ditto

15867

Scrambling lianopod
In moist soil in arroyo
with 15856

ditto

15868

Shrub in
arroyo with # 15856
neat fl & green fruit

ditto

15869

Shrub -
whitish flowers in panicle
seaboard leaves -
coarsely serrate toothed
near # 15856

ditto

15870

tiny low panicum, in
sterile dry soil near Rd 28-Duarte
Highway on Sabana de Pasca
enfoquent Oct. 5, 1947
H.A. Allard

15871

Shrub with prickly leaves
at tip. Tinted reddish purple
ferry-like. In arroyo
near # 15870

15872

Paspalum
In arroyo near 15870 ditto
Leaf blade edge very scabrous

15873

tiny low panicum
few spikelets; very slender
leaves. 4-5 in tall
In dry soil near 15870

15874

Shrub, flowers small in
dense panicles - pinkish
petals - with longitudinal dark
lines Near 15870 ditto

15875

Rubiacaceae -
Prostrate to ascending.
Roadside near Rd 28-Duarte
Highway. fl white Oct 5

15876

Low herbaceous fl
yellow. In soil near
Rd 28 - branching ditto

15877

Grass - annual - long
Anthers and tips of glumes ^{striking} crimson
In dry soil at Rd 28 - in sterile
open soil in stony pasture,
An attractive little grass.
Oct. 5, 1947
H.A. Allard

15878

Grass slender,
with # 15877 ditto

15879

Low herb - reddish or
purplish red fl.
In sterile open soil with
15877 ditto

15880

Paspalum
In sterile soil with
15877 ditto

15881

Low, slender herb
bl. rose purple.
Leaves narrower; with # 15877 ditto

15882

Low herb with # 15877 ditto
Leaves opposite
bl. deep rose red or purplish
red

15883

Herb - low -
white fl. in dense heads
Leaves verticillate
with # 15877 ditto

15884

Delicate, slender
Euphorbiaceae plant;
fl white, tiny, in dry,
sterile soil near Rl 28 - in
Sabana de Pasa. Oct 5, 1947
H.A. Allard

15885

Sedge
with # 15884

ditto

15886

Sedge
with # 15884

ditto

15887

Low herb
fl orange
leaves elongate
with # 15884

ditto

15888

Sedge 2
with # 15884

ditto

15889

Sedge
Cyperus?
with # 15884

ditto

15890

Grass - slender
on sterile ground
with # 15884

ditto

15891

Grass - slender
with # 15884

15892

Shrubby, low -
flowers purple
very brown hairy
with # 15884

ditto

15893

Shrub -
Panicles of yellow fl, ditto
roadside bank near Rl 28,
Quarte highway

15894

Vine on shrubs etc -
fl. large, yellow, showy
near # 15893

ditto

15895

Shrub - escape
along Quarte highway
near Rl. 29

ditto

15896

Grassy herb
fl in racemes
with 15884

ditto

15897

Paspalum, waste ground
Cuidad Trujillo near Embassy
H.A. Allard Oct 6, 1947

Lantana - orange red fl.
waste ground, Ciudad Trujillo
west of American Embassy

15898

Oct. 6, 1947
H.A. Allard

15899

✓ Anthracae - large fls. purple
flowers - waste ground
with # 15898; common here ditto

15900

Creeping plant - small
rounded leaves; white flowers
waste ground near # 15898 ditto

15901

Grass - with # 15898 ditto

15902

Panicum
waste ground with # 15898 ditto

15903

✓ Legume - fls. yellow
Pods present - bushy,
almost shrubby
Near # 15898 ditto

15904

Grass - waste
ground with # 15898 ditto

Grass in Allard's lawn
Ciudad Trujillo - Oct. 7, 47
H.A. Allard

15905

✓ 15906 Shrub - small tree
long edge of marsh along
Ozama River 2-3 miles
from mouth Oct. 7, 1947
H.A. Allard
Leaves green, dark green
finely serrate
Flowers small, white, axillary

15907

Slender grass
on edge of marsh in
drier soil - near # 15906 ditto

15908

✓ Mikayia - fl. white,
bigger than in marsh;
drier soil near # 15906 ditto

15909

✓ Tall shrub - 10-12 ft
Leaves bright shining green
entire; fl. white, tubular, fragrant
Near # 15906, in drier ground ditto

15910

✓ Shrub or small tree
near # 15906; Pendent
racemes of red, bitter fruit ditto
Leaves compound

15911

✓ Tree - all over
Terminalia catappa L
fl. white in long, slender
racemes - ditto
Near # 15906

Vine, climbing over shrubs.
Flowers very small, green.
Along bank of Ozama River flats
15912 2-3 miles from mouth,
Oct. 7, 1947

✓ See 15844 for fruit,
H.A. Allard

15913 Shrub - fl. red, in
dense cordons - young
leaves entire - broadly ovate.
Near # 15912 ditto
in rocky soil

15914 Shrub - fl. yellow
leaves narrow - in red
soil of marsh above. ditto

15915 Herb 3-4 ft. In red
soil near # 15914. *Phoradendron* ditto
✓ deep rose. Composite

15916 Shrub - legume -
fl. yellow - pods ditto
Near # 15912 - edge
of marsh. 4-5 ft.

15917 Cyperaceae - low - in
mud and water near ditto
15915

15918 *Asclepias* - fl. white
On edge of marsh near
15915 ditto

Mist - fl. small
bluish - along edge of
Ozama marsh near
15919 # 15915 Oct. 7, 1947
H.A. Allard
4-5 ft.

15920 Cyperaceae
In mud near # ditto
15915

15921 Cyperaceae - small ditto
In mud near 15915

15922 Cyperaceae
In mud near 15915 ditto
✓ In mud

15923 Cyperaceae
Near 15915 ditto
✓ In mud

15924 Shrub -
✓ On drier banks near ditto
15915

15925 *Paspalum*
Single -
On banks near # 15915 ditto
In dense clumps

15926

Cyperaceae, in wet
soil - mud etc. in
marsh along Ogawa
River - 2-3 miles from
mouth, Oct. 7, 1947
also dissected H.A. Allard

15927

Herb with long, slender
pure white tubular flowers
Very coarsely dentate leaves
In dry soil on edge of marsh.
ditto

15928

Sedge
In mud near 15926
ditto

15929

Sedge
In mud and water
near # 15926
ditto

15930

Small Cyperaceae
In damp soil near
15926
ditto

15931

Shrubby -
Lantana, fl. lilac
3-5 ft. on bank
near bridge over
Ogawa River near 15926
ditto

15932

Sagittaria in
mud & water. Near 15926
ditto

15933

Sagittaria? In water
near # 15932 Very large
leaves
5-6 ft. tall. Oct. 7, 47
(Leaves dissected) H.A. Allard
also.

15934

Sagittaria
In water & mud near
15933
ditto

15935

Purple fl. Clitoria
In grass in Sabana de la
at Kl. 28, Oct 11, 1947 Raza
H.A. Allard

15936

Low Euphorbiaceae
with # 15936
Prostrate: fl. whitish
to pinkish.
ditto

15937

Yellow fl. vine - fl.
large. In thicket near
15936
ditto

15938

Low herbaceous
fl. yellow.
Near # 15936
Slender pods.
ditto

15939

Low vine Cyperaceae
In grass with # 15936
ditto

15940

Red flowered legume
any waste ground on Sabana
de los Pasa, R. 28, at
left of Puerto Rico highway.
to road Haina Pier 1 1/2 miles
Oct. 11, 1947, H. G. Allard
Base mostly

15941

Herbaceous plant
somewhat viscid; fl reddish
purple in grass near
15940 ditto

15942

woolly, woody long plant
fl. purplish. with #15940 ditto

15943

Pinkish flowers; slender
in meadow near #15940 ditto

15944

Long herbaceous
not woody; fl. yellow.
with # 15940 ditto

15945

Euphorbiaceae
slender; fl. white
with # 15940 ditto

15946

Cyperaceae
Triangular stems
in mud near #15940
in wet arroyo in pasture ditto

15947

Cyperaceae
with # 15946

same
loc.
etc

15948

Cyperaceae
with # 15946 ditto

15949

Cyperaceae
with # 15946 ditto

15950

Cyperaceae
with # 15946 ditto

15951

Cyperaceae
with # 15946 ditto

15952

Cyperaceae
with # 15946 ditto

15953

reddish
fl. purplish
in mud with #
15946 ditto

15954

In muddy arroyo Pasapaya
In Sabana de la Basa spring
1 1/2 miles from Santa Fe
highway, Pl. 28, on
trib. joint pipe road through
Haina River. Oct. 11, 1947
H.A. Allard

15955

Lichens on
tree trunks in arroyo
near # 15954

15956

Lichens on
trees near # 15954

15957

Mosses or liverworts
on tree trunks
near # 15954

15958

Lichens on
tree trunks with
15954

15959

Parmelia etc., yellowish
green

15960

Moss light green
on bank of arroyo on
decayed wood near #
15954

Mosses, hepatics on
tree trunks in arroyo
near # 15954

15961

Vine, high up in
trees, fl. small whitish
In arroyo near
15960 same
date etc

15962

In arroyo
Andropogon
In arroyo near
15954

15963

Gyneralea
In mud near
15954

15964

Bromeliad
on top of tree; plants
growing in fl. panicle
Near # 15954

15965

Leaves pathological

15966

Moss on muddy bank
of arroyo near # 15964
15966a bridge

15966

Mosses - Hepaticae
on tree trunks near
15964

15967

Lichens
on tree trunks
near # 15964

Lichens on base of various
tree trunks in arroyo
between Santa Highway
15968 at Km 28 and Huevo
Rover, in Sabana de la
Rosa, Oct 11, 1947 V
H. A. Allard

15969 Lichens on tree
trunks with # 15968 ditto

15970 *Mosses* *allotaxis* V
trunks and branches
of trees with # 15968 ditto

15971 Lichens
on trees trunks +
near # 15968 V ditto

15972 Lichens on
tree trunks near
15968 V ditto

15973 Lichens on tree
trunks near # 15968 ditto

15974 Lichens on trees
etc near # 15968 V ditto

Sedge. In
mud in arroyo. Same
data
15975 near # 15968

15976 Sedge. In
mud in arroyo ditto
with stream near #
15968

15977 *Scleria*
In mud in arroyo ditto
with # 15968

15978 Scrambling
grass growing
over shrubs, ditto
with # 15968

15979 In wooded section
of arroyo,
growing herb on
wet banks in shaded ditto
arroyo with # 15978
fl. bluish, fruit blue.

15980 *Mosses* *hepatia*
in arroyo near # 15978 ditto

15981 *Mosses* *hepatia*
in tree trunks near
15980 ditto

15982

Lichens - Parmelia 2
on tree trunks in arroyo
near # 15980 (5 groups)
date
✓

15983

Parmelia 3
On tree trunks
near # 15982 ditto
✓

15984

Hepaticas or mosses
near # 15982 ditto
✓

15985

Mosses, lichens etc
On trees near # 15982 ditto
✓

15986

Yellow fl. herb
In pasture near
15985 ditto
✓

15987

Moss Near
15985 ditto
In damp soil in red
gassy arroyo

15988

Cladonia on
old trunks in arroyo
near # 15982 ditto
✓

15989

Mosses - hepaticas
on tree trunks
near 15982
single
date
ditto
✓

15990

Lichens - mosses
etc on tree trunks
near # 15982 ditto
✓

15990a

lichen ✓

15991

Mosses - hepaticas
near # 15982 ditto
On trees
✓

15992

Lichens on tree
trunks near #
15982 ditto
✓

15992a

lichen ✓

15993

Mosses - hepaticas
on trees etc near
15982 ditto
✓

15994

Lichens on
trees near
15982 ✓ ditto

15995

Mosses, hepaticas
on tree trunks near
15982 ditto
✓

Mosses, hepatic
in arroyo 1 1/2 miles
from Pl. 28 on D. Norte
highway toward Sabana
Haina River on Sabana
de la Pasa. Oct. 11, 47
H.A. Allard

15996
15997 Mosses, hepatic
on trees in arroyo
near # 15996 ditto

15998 Lichens etc
on trees near # 15996 ditto

15999 Huge vine scrambling
over trees in arroyo
near # 15996 ditto
Robin Blum, sap biting.

16000 Mosses - hepatic
on trees near # 15996 ditto

16001 Grass, low tuft
arroyo in water
near # 15996 of deep ditto

16002 Orchid on tree
with leaf spots
Path, near # 15996 ditto

Cyperaceae
In arroyo in same
mud near # 16001 data

16003

16004 Piperaceae
In arroyo near ditto
16001

16005 Tiny sedge
on bank in
arroyo near ditto
16001

16006 Cladonia
on bark of tree
near # 16001 ditto

16007 Moss
on tree near # 16001 ditto

16008 Legume - high
climbing, white fl
In arroyo, near ditto
16001

16009 Sedge
In arroyo, near
16001 dry soil

Puberulae, fl. white
In dry Sabana de la Pasa
near Dnate Highway
16010 fl 28 - 1 1/2 miles between
in wd Haiya River.
O.F., 11, 1947
H. A. Allard

16011 Herb - purplish fl
In Sabana near
16010 - dry soil ditto

16012 Herb - showy yellow fl.
with # 16011 ditto
Dry soil

16013 Cyperaceae
In moist soil near
16011 ditto

16014 Large fl. herb -
crimson, showy fl.
In moist muddy area
in Sabana near # 16011 ditto

16015 Grass in Sabana
dry soil - near # 16011 ditto

16016 Sedge in moist soil
near # 16011 ditto

Yellow fl. stem grass - same
In dry soil near date
16017 # 16011 etc

16018 Sedge
In dry soil in
Sabana near # 16011 ditto

16019 Trailing, climbing
legume; fl. white
In arroyo near ditto
16011

16020 Shrub or small tree
in fruit. In arroyo ditto
near # 16019

16021 Vine high up in
shrub - leaves
mature fruit translucent white
In arroyo near # 16019 ditto

16022 Climbing fern
In arroyo near ditto
16019

16023 Purplish fl.
In dry soil near ditto
16018

Cyperaceae
In arroyo - on Sabana
de la Casa near # 28
16024 Monte Highway -
1 1/2 miles toward Haina
River Oct. 11, 1947

16025

In wetland
white fl. creeping
herb. In moist soil ditto.
near # 16021

16026

Long Cyperaceae
In dry soil in
Sabana near # 16024 ditto

16027

Cyperaceae
Near # 16024 ditto

16028

Cyperaceae
Dry soil near # 16024 ditto

16029

Panicum
In dry arroyo
near # 16024 ditto
For

16030

Mass
On old wood
in damp arroyo near ditto
16024

16031

Orchid on tree
Petals white with
median red mark
In damp arroyo
near # 16024
Rare in blower man
Some data
etc

16032

Orchid
at base of tree
fl. red, showy
Near # 16024 ditto

16033

Diodia
In dry soil in
Sabana near # 16024 ditto

16034

Bismeliodon
In arroyo
near # 16024 ditto

16035

Orchid - near face
tree fl. greenish
Near # 16024 ditto

16036

Cyperaceae
In red soil near
stream in arroyo near
16024 ditto

16037

Sedge
In red soil
near # 16024 ditto

Reddish purple fl.
Habit in dry Sabana
16038 de la Pasa near
Santa Highway 12b 28,
between there and Haina
River - is 1 1/2 miles from
12b 28. Oct 11, 47. H.A. Allard

16039 white fl. herb,
In dry soil near # 16038
Diodia?

16040 delicate herb fl
white. with # 16039 ditto

16041 yellow fl. herb
shony, with # 16039 ditto
dry grassy soil,

16042 Lichens on coffee
stick already near
Colonia Ramfis near 1800ft
Oct 12, 1947
H.A. Allard

16043 Mosses and lichens
on tree trunk - Colonia
Ramfis - Oct 12, 1947 ditto

16044 Legume - shrub
with crimson, herculent,
slange fl. near
16043 ditto

Thallous liverwort on
soil on bank; near
16043 same
data
etc.

16045

16046

Low legume with
small purplish fl
with # 16043 ditto

16047

Pilea
on bank near #
16043 ditto

16048

Pilea round leaves
weeping,
Near # 16043 ditto

16049

Herb - white fl.
in small heads,
at Colonia Ramfis ditto

16050

Clitoria
purplish fl. fl.
on bank climbing
over shrubs etc. near
16049 ditto

16051

Banisteria - in garden
Garden, Tumbillo,
upper part yellow. bracts blotched
with red; others white dotted with red
Oct 13, 1947 H.A. Allard

16052

Mosses on dead log
along river at foot of pine
barrens at Piedra Blanca,
Oct 14, 1947
H.A. Allard
= Maimon
River, ✓

16053

On logs near # 16052
ditto
L

16054

Gerardia -
on pine barren slopes,
very steep and rocky near
Piedra Blanca ditto

16055

Low creeping plant
in moist ravine near
16054. fl. white, small ditto

16056

Shrub - fl. yellow
leaves rusty beneath
in dry arroyo near #
16054 on pine barren
slopes, ditto

16057

Small palm - fan-shaped
leaves, green beneath
10-15 feet tall. On steep
pine slopes at 1000 ft near
16054 see photo. ditto

16058

fern - on dry pine
barrens among rocks
at 1000 ft near # 16054 ditto

16059

Sedge. On dry pine barren
slope near # 16054 same
data
ditto
same date

16060

Parisian -
on dry rocky steep
pine slope with # 16059 ditto
abundant here

16061

Like foxtail - a grass
with # 16059 ditto
very scabrous panicles

16062

Red flowered shrubby
legume - shrubby
on pine barren slope ditto
with # 16059

16063

Low spittle plant with
spearing panicles of tiny
whitish fl. with # 16059 ditto
Locally abundant here

16064

yellow fl - Cassia?
with # 16059 ditto

16065

Scabrous Dioclea -
fl. white climbing high over trees,
stems near # 16059 ditto
in moist arroyo.

~~16065~~ - small, white fl.
a low shrub, on steep,
dry, rocky pine barren
slope at Piedra Blanca
at 1000 ft

16066 *Panicum* - on dry,
rocky pine-covered slope ditto
with # 16066

16067 slender-panicle grass
with purplish panicles ditto
with # 16066

16068 Small tree in dry
arroyo near # 16066 ditto
leaves large, deep green, spreading,
thick, fl. red in apical part
almost sessile panicles

16069 Low herb, fl. purplish red
on pine barren slopes near ditto
16066

16070 Composite herb
on pine barren slopes ditto
with # 16066 fl. reddish

16071 *Scorodolium* - trailing
fl. purplish. on dry
pine barren slopes with ditto
16066

Lichens on mangrove
tree trunks at foot of
pine barren near ✓
Piedra Blanca at 600
ft. Oct. 14, 47, H.A. Allen

16072 Trailing legume
on pine barren with ditto
16072

16073 *Setaria* like grass
on pine barren slopes ditto
near # 16072

16074 Grass
with # 16072 ditto

16075 Climbing woody vine
like sunflower - leaf with
pubescence, in arroyo
near # 16072 ditto

16076 Rubiaceae - linear
leaves - reddish fl.
small, white
in dry arroyo near # 16072 ditto

16077 *Setaria* like grass
on dry rocky soil near ditto
16072

Low white flowered herb
in moist arroyo on pine
barren slopes near
16080 Piedra Blanca Oct. 14, 47
H. G. Allard
✓ bl with long slender corolla tube

16081 Pubescent panicle
in arroyo with
16080 ditto

16082 Slender plant with
✓ linear leaves, white clusters
like heads, ditto

16083 On moist barren rocky
pine slopes near 16081
✓ Delicate yellow flowered
slender herb, with
16082; showy. ditto

16084 Grass - on pine barren
slopes near # 16082 ditto

16085 Legume slender,
✓ creeping,
with # 16082 ditto

16086 Rosette plant with
✓ milky blouses
with # 16082 ditto

Small yellow-fl. herb
On pine barrens near
16087 # 16086 same
data

✓ 16088 white fl. delicate
herb, with # 16087 ditto
linear leaves.

16089 Low, compact
panicle - in
dry rocky pine barrens ditto
near # 16087

16090 Plant in water on rocks
✓ in Maimon River, at
foot of above pine barrens ditto

16091 Shrub along ^{Maimon} river
near # 16090 ditto

16092 Paspalum
along Maimon River
near # 16090 ditto

16093 In water attached
✓ to mud and rocks
with # 16090 ditto

Plant matted
in damp soil among
rocks of Maimon River,
at foot of large banyans
near Piedra Blanca
10/14/47. H.A. Allard

16095 Grass *Paspalum*
along Maimon River ditto
in rocky soil overflown.

16096 Petal - pink flowered
grass. Near Villa Alta
Gracia on Duarte Highway
10/14/47 H.A. Allard

16097 Pink flowered
Boerhaavia - a tree
at Los Alcazizos,

16098 fl. fragrant 10/14/47
H.A. Allard

Desmodium
by roadside near
16097 ditto

16099 Purple fl. trailing
legume; near # 16097 ditto

16100 Prostrate, scrambling
legume, with broad angulate
toothed leaves, purple flowers
thorny; near # 16099

Dioclea or *Purpurea*
in dry soil on pine slope
10/14/47 H.A. Allard

16102 Lichen on wood -
high branches of tree
at Big Caves west of
Ciudad Trujillo Oct. 17, 1947
H.A. Allard

16103 *Hepatic* on tree
near # 16102

16104 Mosses and *Hepatic*
on limestone rocks
and trees at above caves

16105 Mosses on bark on
logs etc. with # 16102

16106 Mosses bright green in very
moist shaded situation on
vertical walls near caves above

16107 Bluish green lichen
on tree - near # 16102

16108

Mosses on rocks
at Big ^{limestone} caves near (west)
of Ciudad Trujillo
Oct. 17, 1947
H.A. Allard ✓

16109

Hepatic, mosses
on tree trunks
near # 16108 ✓

ditto

16110

Mosses - lichens
on tree rocks near # 16108 ✓

ditto

16111

Lichens on trees
near # 16108 ✓

ditto

16112

Hepatic on trees
near # 16108 ✓

ditto

16113

Lichens on trees
near # 16108 ✓

ditto

16114

Mosses on dead
logs
Near # 16108 ✓

ditto

16115

Mosses on dead logs at
caves, with # 16108
Oct. 17, 1947 ✓

H.A. Allard

16116

Mosses on dead wood
with # 16115 ✓

ditto

16117

Hepatic bright green
on faces of tree trunks
with # 16108 ✓

ditto

16118

fungi on logs
near # 16108
(for J.A. Stenstrom) ✓

ditto

16119

Mycorrhizae on leaves
of tiny plant, near
16108 ✓

ditto

16120

Mosses, lichens etc
on trees near # 16108 ✓

ditto

16120a

16121

Mosses etc on sticks
with # 16108 ✓

ditto

16122

Mosses etc on
dead bark of logs
at big caves in limestone
cave on N. west of
Ciudad Trujillo, ✓
Oct 17, 1947
H.A. Allard

16123

Mosses etc
on logs near # 16122 ditto ✓

16124

Mosses on dead logs
etc. in ravine
near # 16122 ditto ✓

16125

Mosses on dead
logs near # 16122 ditto ✓

16126

Mosses on logs etc
Near # 16122 ✓ ditto

16127

Mosses, Hepaticae on
logs near # 16122 ✓ ditto

16128

Mosses etc
on logs etc; near
16122 ✓

16129

Mosses Hepaticae on
dead wood near
16122 ✓ Same data
Oct 17, 1947
H.A. Allard

16130

Mosses etc on
dead logs near
16122 ✓ Oct. 17

16131

Mosses - lichens
on dead logs
near # 16122 ditto

16132

Mosses etc
on dead logs with
16122 ✓ ditto

16133

Mosses etc with
16122 - on dead
wood ✓ ditto

16134

Mosses - hepaticae
on dead wood near
16122 ✓ ditto

16135

Mosses etc
on dead logs near
16122 ✓ ditto

Mosses etc in dead wood etc
at big cays west of Lindblad
Injillo in coral limestone
Oct. 17, 1947, H.A. Allard
✓

16137 Mosses etc
on dead bark of logs
near # 16136 ✓ ditto

16138 Mosses etc in dead
bark in mine near
16136 ✓ ditto

16139 # Mosses, liverworts
in dead wood near # 16136 ✓ ditto

16140 Mosses and liverworts
on dead sticks
near # 16136 ✓ ditto

16141 Mosses, liverworts
in dead wood
Near # 16136 ✓ ditto

16142 Mosses, hepatics
in dead wood
near # 16136 ✓ ditto

Mosses - hepatics on
dead wood etc, Oct. 17
Near # 16136 H.A. Allard
✓

16144 Mosses, hepatics
with # 16136 ✓ ditto

16145 Mosses, hepatics
near # 16136 ✓ ditto

16146 Mosses, hepatics
in dead sticks etc
Near # 16136 ✓ ditto

16147 Mosses on rocks
Near # 16136 ✓ ditto

16148 Mosses on rocks etc
Near # 16136 ✓ ditto

16149 Mosses and hepatics
Near # 16136 ✓

Mosses, hepatics on
limestone (coral rocks) at big
caves west of Ciudad Trujillo
Oct 17, 1947, H.A. Allard
✓

16150
16151 Mosses etc on
trunks etc near # 16150 ditto
✓

16151a lichen ✓

16152 Lichens on
wood, near # 16150 ditto
✓

16153 Mosses etc on
bark - near # 16150 ditto
✓

16154 Mosses, hepatics on
bark of trees near # 16150 ditto
✓

16155 Mosses, liverworts
on bark etc # 16150 ditto
✓

16156 Mosses, hepatics
on bark - near # 16150 ditto
✓

Mosses, hepatics
on bark etc, Oct 17, 1947
Near # 16150 H.A. Allard
✓

16157

16158 Mosses, hepatics
on bark etc, near # 16157 ditto
✓

16159 Mosses, lichens etc
on bark of trees
near # 16150 ditto
✓

16160 Mosses, hepatics etc on
trees near # 16150 ditto
✓

16161 Lichens, hepatics etc
on trees at base
Near # 16150 ditto
✓

16162 Mosses etc on
trees near # 16150 ditto
✓

16163 Hepatics etc on
wood - near # 16150 ditto
✓

16164

Mosses, hepaticae in
wood & ravines at
Big Caves in coral limestone
west of Ciudad Trujillo
Oct. 17, 1947
H.A. Allard ✓

16165

Mosses, lichens etc
on bark of trees near # 16164 ditto
✓

16166

Mosses - hepaticae etc
in wood etc; near
16164 ditto
✓

16167

Mosses, hepaticae
on trees & near # 16164 ditto
✓

16168

Mosses on rocks
near # 16164 ditto
✓

16169

Mosses etc
on rocks near
16164 ditto
✓

16170

Seed from ^{same} pink, fragrant flowered
Bauhinia tree at Los Alcarigos
16171 See # 16097 (Allard) ✓

16172

Seed from same Aristolochia
found at Piedra Blanca by Allard
1945-46 - See ^{field} number for species ✓

16173

Seed of very large var. of
Annona muricata - Ciudad
Trujillo - soft shiny pericarp
on fruit. See photo (poor) ✓

16174

Seed of small fruited var
of Annona muricata
Ciudad Trujillo -
See photo (poor) ✓

16175

Seeds of javilla tree
Hura crepitans L. Oct 1947
Ciudad Trujillo
seeds flat, size of nickel
✓

16176

Seeds of Limoncillo
Melicocca bijuga L.
Ciudad Trujillo (see photo)
Oct. 1947. H.A. Allard ✓

16177

Seeds of Amela amarilla
Spondias mombin L.
Ciudad Trujillo - Sept. 1947
See photo - H.A. Allard ✓

Moss on bark of limbs of
cajuput tree, Ciudad Trujillo,
Oct. 18, 1947
H. G. Callard

16178

16179

Lichens on same tree
on bark with # 16178

ditto

16180

Lichens on same bark
of tree with # 16178

ditto

16181

Lichens on bark of same
tree with # 16178

ditto

16182

Lichens on bark of same
tree with # 16178
yellowish green Parmelia?

ditto

16183

Lichens on same tree
with # 16178

ditto

16184

Lichens on same tree
with # 16178

✓

Orange colored lichen on
same tree with # 16178 Oct. 18

16185

16186

Lichens on same tree
with # 16178

ditto

16187

White lichen on
same tree with # 16178

ditto

16188

Lichens (various) on
same tree with # 16178

ditto

16189

Lichens on bark
of same tree with # 16178

ditto

16190

Lichens on bark of
same tree with # 16178

ditto

16191

Moss on same
tree near top with # 16178

16191a lichen

ditto

Lichens on bark of tree
near top of cajuil tree in
16192 Ciudad Trujillo Oct. 18, 1947
H.A. Allard ✓

16193 Lichens on trunk of
Hura crepitans L ✓
Ciudad Trujillo -
Oct. 18, 1947. H.A. Allard

16194 Lichens on bark of
tree near # 16193 ✓ ditto

16195 Lichens on old
fence post near # 16193 ✓ ditto

16196 Lichens - one small brilliant
yellow, one gray, on bark
of tree near # 16193 ✓ ditto

16197 Mosses - lichens
on cajuil tree ✓ ditto
Oct. 18.
near # 16193

16198 Lichens on bark of
Poinciana tree ✓ ditto
near # 16193

Lichens on Cajuil tree
near # 16193 Oct. 18, 1947
16199 H.A. Allard ✓

16200 Lichens on young tree
high up tree. Oct. 18, 1947
Ciudad Trujillo ✓

16201 Hepaticas, mosses at
base of a mango tree ✓ ditto
Ciudad Trujillo.
Aug. 18, 47

16202 near # 16193 ✓ ditto
Mosses, hepaticas on
same tree with # 16201 ✓ ditto

16203 Lichens on host ✓ ditto
near # 16201

16203a lichens ✓
16204 fungi (gill) ✓ ditto
on host near # 16201

16205 Fern (small) on
limestone (coral) rock in
fig Caves near Ciudad Trujillo ✓
Oct. 19, 1947 H.A. Allard

16206

Mosses, hepatic
On dead wood in big
cave west of Ciudad Trujillo
Oct 19, 1947
H.A. Allard

16207

Mosses on wood
near # 16206

ditto

16208

Mosses on dead
wood near # 16206

ditto

16209

Mosses on old logs
near # 16206

ditto

16210

Mosses on old logs
near # 16206

ditto

16211

White lichen patches
on strangling fig trunk
near # 16206

ditto

16212

Mosses etc on
wood and bark near
16206

ditto

16213

Mosses, hepatic
on trees etc near
16206

Same
data

16214

Mosses etc
on rocks near # 16206

ditto

16215

Mosses, hepatic
on dead wood near # 16206

ditto

16216

Mosses, hepatic
on dead wood etc on dead
wood near # 16206

ditto

16217

Mosses etc on dead
wood etc near # 16206

ditto

16218

Mosses etc on wood
near # 16206

ditto

16219

Mosses, hepatic
on wood near # 16206

ditto

16220 Mosses, leaflets on
logs etc. at big Cacao nest
of Cinnamon Tree
Oct. 19, 1947
H.A. Allard ✓

16221 Mosses on wood etc.
near # 16220 ✓ ditto

16222 Lichens on bark of
strangling fig near
16220 ✓ ditto

16223 Shrub near # 16220
bright green immature ✓ ditto

16224 Herbs - small whitish
fl., near # 16220 ✓ ditto

16225 Shrub - green
fruit only
near # 16220 ✓ ditto

16226 Mosses
on logs etc. ✓ ditto
near # 16220

Blue flowered high climbing
legume - in cacao same data

16227 near # 16220
Hos large, root like
sweet potato; not edible
Native name = Jicamo. ✓

16228 Lichens on
Lira de Playa tree
Haina Beach, Oct. 19, 1947 ✓
H.A. Allard

16229 Lichens on same tree
with # 16228 ✓ ditto

16230 Lichens on
Lira de Playa tree
near # 16228 ✓ ditto

16231 Lichens on same tree
with # 16228 ✓ ditto

16232 Lichens on same
tree with # 16228 ✓ ditto

16233 Lichens on same
tree with # 16228 ✓ ditto

16234

Lichens on tree, lra
de Playa - at Haina
Beach - Oct. 19, 1947
H. A. Allard

16235

Lichens on same tree
with # 16234
tree 16228

16236

Lichens on trees
near 16228
- lra de Playa

16237

On lichen
same sp tree -
near # 16228

16238

Lichens
on same tree with
16237

16239

Lichens on roots
exposed of Royal Palm
near # 16237

16240

Moss in rotten notch
of lra de Playa
near # 16237

16241

Orange red lichen on
bank of lra de Playa
Haina Beach
Oct. 19, 1947
H. A. Allard

16241a algae

16242

Cactus on coral rock
near Haina Beach -
2-3 ft tall - Opuntia

16243

Flowers pale cream;
fruit very juicy with carmine
fruit 2-3 in long juice

16244

Sedge
On rocky ledges of
coral rock near # 16242

16245

Small,
yellow flowered, fleshy
plant covering same rocks
near # 16243
prostrate

16246

Grass
with # 16243

16247

Grass with #
16243

Grass on coral rock
outcrops near Haina Beach
Oct. 19, 47. H.A. Allard

16248

16249

Grass ^{growing} near
16248

ditto

16250

Pink flowered fleshy
trailing legume
with # 16248 - showy

ditto

16251

Compositae - herb -
fl. small, white. In
woods near Colonia Ramfis,
at 1600 ft Oct. 20, 47
H.A. Allard

16252

Pilea *pusillata*
In heavy shade with
16251

ditto

16253

Herbaceous
In woods with # 16251

ditto

16254

Low shrub
fl. white
Near # 16251

ditto

Grass - In woods near same
data
16251

16255

16256

Low herb - whitish fl.
In old banana plantation
near # 16251

ditto

16257

Begoniad
In woods near 16251
fl. white and red
showy

ditto

16258

Fraxinella
trailing, in woods
near # 16251
Pods reddish

ditto

16259

Legume; fl. small blue,
climbing over herbage
Roadside near # 16251

ditto

16260

Tomato, in open
thicket near # 16251

ditto

16261

Piper - Low shrub
Near # 16251

ditto

Coffee leaves with leaf spot
disease. Near Colonia Ramfis
at 1600 ft, in woods

16262

Oct 20, 47

H.A. Allard

for J.E. Stevenson

16263

Herb. in woods

near # 16262

fl. greenish - in heads like
doser? ditto

16264

Dioclea 3 puberula

fl. small, white,

Roadside near # 16262 ditto

16265

Low shrub

In shaded woods

near # 16262 ditto

16266

Small plant near

16262

leaf spots

ditto

16267

Delicate Panicum

In shade of woods

near # 16262 ditto

16268

Short grass in

woods near # 16262 ditto

grass, in woods
near # 16262

Same date
data etc

16269

16270

Yellow fl. Bidens?

(Composite) In woods

near # 16262 ditto

16271

Paspalum

In woods near # 16262 ditto

16272

Shrub

fl. deep rose.

Thicket near # 16262 ditto

16273

Shrub. fl. red.

leaves very rugose

Near # 16262 ditto

16274

Yellow fl. Marigold

Escaped in gullies by

roadside near # 16262 ditto

16275

Flora photo

near Colonia Ramfis

on rocky bank (dry) ditto

Trailing Pilea - On
banks of deep cut near
✓ 16276 *Colonia Parufis* at
1200 ft. Oct. 20, 1947
H.A. Allard

16277 Moss on moist earth
of bank near # 16276 ditto ✓

16278 *Clitoria* - fl. blue-purple
climbing over barberry
near # 16276 ditto ✓

16279 weak, dangling, climbing
shrub; fl. pinkish and
red. Near # 16276 ditto ✓

16280 Lichens on dead
bark in woods at 1600 ft
near *Colonia Parufis*
Oct. 20, 1947. H.A. Allard ditto ✓

16281 Lichens with
16280 ✓ ditto

16282 Lichens with
16280 ✓ ditto

Mosses on dead wood
etc near 16280. same date,
16283 data, ✓

16284 Lichens on dead
wood etc near # 16280 ditto ✓

16285 Lichens on old logs
etc, near # 16280 ditto ✓

16286 Lichens on old logs
etc near # 16280 ditto ✓

16287 Mosses on old logs
etc, near # 16280 ✓ ditto

16288 Mosses on
old logs etc near
16280 ditto

16289 Mosses on
old logs etc near
16280 ditto ✓

Mosses on old logs
etc., at 1600 ft, in mts ✓
16290 near Columbia Pacific
Oct. 20, 47. H. A. Allard

16291 Mosses etc.
on logs, base trees
etc., near # 16290 ✓ ditto

16292 Mosses on dead wood
etc., near # 16290 ✓ ditto

16293 Mosses on logs
etc., near # 16290 ✓ ditto

16294 Mosses on dead
logs etc., near # 16290 ✓ ditto

16295 Mosses on dead logs
etc., near # 16290 ✓ ditto

16296 Mosses on dead logs
etc., near 16290 ✓ ditto

Mosses on earth
rocks, etc., near ✓ Same
data

16297 # 16290 ✓

16298 Mosses on soil
rocks etc., near ✓ ditto
16290

16299 Mosses on soil,
rocks etc., near ✓ ditto
16290

16300 Mosses, etc.
on rocks etc., near ✓ ditto
16290

16301 Mosses, hepatics
on bark, logs etc., near ✓ ditto
16290

16302 Mosses, hepatics
on bark, logs etc., near ✓ ditto
16290

16303 Mosses, hepatics
on bark, soil etc., near ✓ ditto
16290

Mosses, hepaticae
on bark, logs etc. at 1600 ft
near Colonia Ranfis.
16304 Oct 20, 47 H. A. Allard

16305 Hepaticae etc. on
bark of trees near
base, near # 16304 ditto
brilliant green

16306 Mosses etc. on logs
bark etc., near # 16304 ditto

16307 Mosses, hepaticae etc.
on bark, etc. near
16304 ditto

16308 Mosses, hepaticae
on bark of trees
etc. near # 16304 ditto

16309 Mosses, hepaticae etc.
on bark, logs etc.
near # 16304 ditto

16310 Mosses, hepaticae etc.
on bark, logs etc.
near # 16304 ditto

Lichens on trunks of same data
trees etc., near # 16304

16311
and
16311a

16312 Plant clinging to tree trunks
in oval leaves; ditto
near # 16304

16313 Coffee leaves with lichens on
upper surface; near # 16304 ditto
Oct 20

16314 Mosses on tree trunks,
dead wood etc.; ditto
near # 16304

16315 Mosses hepaticae on
tree trunks, dead wood
etc., near # 16304 ditto

16316 Lichens on tree trunks
near # 16304 ditto

16317 Lichens on tree
trunks etc., near
16304 ditto

16318

Mosses on tree trunk
at 1600 ft. near Colonia Ranfies
Oct. 20, 1947
H. A. Allard

16319

Lichens on trees
near # 16318

✓ ditto

16320

Lichens on trees
near # 16318

✓ ditto

16321

Lichens on bark of
trees near # 16318

✓ ditto

16322

Lichens on bark of
trees near 16318

✓ ditto

16323

Lichens on bark of
trees near 16318

✓ ditto

16324

Lichens on bark
of trees near
16318

✓ ditto

16325

Lichens on trees
etc., near # 16318

Same
date
data

16326

Lichens on trees
etc.
near # 16318

ditto

16327

Lichens on trees, dead bark
etc., near # 16318

✓ ditto

16328

Lichens on tree
bark; near # 16318

✓ ditto

16329

Lichens on janitor
tree - dead near
16318

✓ ditto

16330

Lichens on tree bark
etc., near # 16318

ditto

16331

Mosses, hepatics
on bark etc.
near # 16318

✓ ditto

16331a Lichens ✓

Mosses etc. on Twigs
of trees at 1600 ft near Colonia
Ranfa, Oct. 20, '47
H.A. Allard ✓

16332 Mosses etc. on twigs of trees
etc. near # 16332 ✓

16333 Mosses - lichens
on bark etc.; near
16332 ✓ ditto

16334 Mosses - hepatic - in shaded
moist bank near
16332 ✓ ditto

16335 Mosses - hepatic
on bank near
16332 ✓ ditto

16336 Mosses, hepatic
on moist, shaded bank
near # 16332 ✓ ditto

16337 Mosses; hepatic on
moist, shaded bank near
16332 ✓ ditto

Mosses, hepatic
on moist bank
near # 16332 ✓

16339 Lichens, hepatic
on moist bank
near # 16332 ✓ ditto

16340 Hepatic on moist
bank near # 16332 ✓ ditto

16341 Hepatic, mosses
on moist bank near
16332 ✓ ditto

16342 Hepatic on moist soil
on moist bank
near # 16332 ✓ ditto

16343 Purple fl. acanth.
in larvae, near Embassy
Oct. 21, 1947 ✓ ditto

16344 Centrosema
virginiana (guess)?
In thickets at Ciudad Trujillo
near Allard; fl. purplish blue
climbing Oct. 22, 1947. H.A. Allard ✓ ditto

Large, flower Clitoria -
high climbing fl. large white
middle of standard and tip of wings
magenta purple; incl. pure white
only. Very showy, fl 2 in long, wide
or more. Thickets west of Ciudad Trujillo
Oct. 22, 47. H.A. Allard

16346 ✓ Desmodium - slender herb.
Near # 16346; fl. whitish
2-3 feet tall ditto

16348 ✓ Wild or escaped Mimosa;
fl. white, in thickets
near # 16346 ditto

16349 ✓ Vine, lying over shrubs etc
by tendrils - fl. white, small
in narrow ravines
In thickets west of Ciudad
Trujillo on coral formation
Oct. 23, 47. H.A. Allard

16350 ✓ Legume - shrub
Near # 16349 ditto

16351 ✓ Shrub - yellow, nodding
Rather showy - Malvaceae
Near # 16349 ditto

16352 ✓ Viny shrub; fl. small
white, compound -
In thickets near # 16349 ditto

Shrub - 5-6 ft or more
Branchlets rusty hairy

16353 ✓ In thickets near # 16349
Oct. 23, 47. H.A. Allard

16354 ✓ Desmodium - fl. small
with greenish blue standard
Pondside near # 16353 ditto

16355 ✓ Acanthaceae - low -
herbaceous - creeping by stems
fl. purplish blue; a weed in
lawns etc; very abundant.
Near # 16353 ditto

16356 ✓ Grass - Conchurus
Along roadside near # 16353 ditto

16357 ✓ Wild, white flowered Coral vine
Roadside near # 16353 ditto

16358 ✓ Herb with adhesive, small
hairs - Roadside near
16353 ditto

16359 ✓ Lichen on lining bark
west of Ciudad Trujillo on
coral rock formation
Oct. 24, 1947
H.A. Allard

16360

woody vine, in thicket
at offshoot of Trijillo, on coral
rock formation Oct. 24, 47
H.A. Allard

16361

Lichens on living bark
near # 16360

ditto

16362

Lichens on living bark
Near # 16360

ditto

16363

Lichens on living
bark near # 16360

ditto

16364

Lichens on living
bark near # 16360

ditto

16365

Mosses, high stems on
living bark at base of
trees near # 16360

ditto

16366

Phaseolus lunatus
In thicket near # 16360

ditto

16367

Legume - small
deep rose papilionaceous
flowers; near # 16360

Same data

16368

Low vine - with
16360 fl. small
greenish - Passiflora? ditto

16369

Grass - On coral
rocks near # 16360

ditto

16370

Passiflora - vine
near # 16360; fl. greenish ditto

16371

Small vine on coral
rocks rooted in crevices
etc; fl. small, yellow
Near # 16360

ditto

16372

Solanum - fl. white
5-6 ft. tall; Near # 16360 ditto

16373

Ipomoea fl.
deep rose -
Near # 16360

ditto

Grass, climbing over
shrubs, on coral rock

16374 formation west of
Ciudad Trujillo

Oct. 24, 1947

H.A. Allard

16375

woody vine - Smilac?
Scrambling over shrubs

near # 16374

ditto

16376

Sporocarpium batatas
Sweet potato

In waste ground near

16374: fl. white with
corolla throat

ditto

16377

Shrub - 6-8 ft - fl
yellow; Malvaceae

Near # 16374

ditto

16378

Vine - Cucurbitaceae
fl. yellow; near

16374

ditto

16379

Sporocarpium - fl. - purple

Near # 16374

ditto

16380

Cucurbitaceae, vine
fl. yellow; fruit orange

Near # 16374

ditto

Low mat plant -
fl. white, thin
soil near # 16374

Same
data

16381

16382

Lichens on ^{dead} twigs
Ciudad Trujillo Oct. 26,
H.A. Allard

V

16383

vanilla flowers spikes
and leaves; stem shape
shrub vine-shaped dark
red

16384

Between Constanza and Jaraboa
at 3500 ft. Oct. 27, 1947
H.A. Allard

16385

Legume - fl. deep rose - small,
showy, Biscutella?
Near # 16384

ditto

16386

Grass - Near highway
Near # 16384

ditto

16387

Near # 16384

ditto

on highway between Comtanga and
Jarabamba at 3500 ft.

16388

Shrub - leaves very scabrous,
fl. white, with fringed petals

16389

Salanum - tall 5-6 ft
Near # 16388

16390

Setaria
grass Near # 16388

16391

Low shrub; fl. in heads,
small, white
Near # 16388

16392

Trailing Desmodium
on dry bank near
16388 fl. bluish

16393

Composite
Erigeron?, Near
16388

16394

Euphorb - ascending
Near # 16388

16395

Small white high bl. plant
in dry soil near # 16388
Caryophyllaceae?
Stellaria?

16396

Diodia - Rubiaceae
Near # 16388
fl. white
Low - prostrate

16397

Shrub - 4-5 ft
fl. white near # 16388

16398

Composite
fl. bluish or pinkish
Near # 16388

16399

Delicate Polygala
Near # 16388, in dry
soil fl. rose

16400

Same sp. of Polygala as
16399 - fl. pure white
Both growing together

16401

Low shrub; fl. deep rose
Near # 16388

same
date,
data
etc

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

along highway in pine etc
between Jarabava and
Constanza, at 3500 ft,
Oct. 29, 1947, H. S. Allard

16402

Gerardia

fl. purple

16403

Pilea - trailing

Near # 16402

ditto

16404

Pilea, erect; on
moist bank near # 16402

ditto

16405

Composite, in gully
near # 16402; heads
yellow - far from habitations

ditto

16406

low shrub
fl. deep rose

Near # 16402

ditto

16407

Tall herb; stems covered
with sharp, needle-like
prickles; flowers past. 6-8
ft tall

ditto

16408

Panicum

on moist bank
near # 16402 - in
pine forest.

Shrub; *Hypericaceae*.
fl. yellow. Near # 16402
on pine slopes

16409

same
data,
etc.

16410

Composite; fl. white
Tall shrub; Near
16402

ditto

16411

woody vine high climbing
fl. deep yellow, showy.
Corolla short tubular
Near # 16402

ditto

16412

at La Cumbre at 4000 ft
between Constanza and
Jarabava. Oct. 29, 47
H. S. Allard.
Large bromeliad on tree -

ditto

16413

Near # 16412
very damp, almost mossy forest
here

ditto

16414

Chenopodium
anthelminticum?

Near Constanza - wild.
at 3400 ft Oct. 29.
H. S. Allard

16415

Very showy woody vine
on fence in Constanza; fl.
Very showy purplish blue
Oct. 29. H. S. Allard

16416

In Constanza Valley at
3400-3500 ft. Oct. 29,
In rich, black gumbo soil
H.A. Allard

16417

Near Constanza on
slope at 3400 feet
Oct. 29, 1947
H.A. Allard

ditto

16418

Promeliad
at La Cumbre at 4000 ft
between Constanza and
Jambasa Oct. 29, H.A. Allard

16419

Mistletoe on tree
with # 16418

ditto

16420

Solanum
Near # 16418

ditto

16421

High-climbing woody
vine; fl. in dense, drooping
racemes one inch or more long
Deep rose red; very showy
climbs high in trees

ditto

16422

Vine; fl. large
like morning glory, deep
rose red, leaves with 5-6 palmate
leaflets, very showy near # 16418

ditto

Dioclea 3, Rubiaceae
fl. white -

16423

Near # 16418
Oct. 29, 1947
H.A. Allard

16424

Solanum 5-6 ft
Near # 16423

ditto

16425

Low, creeping plant
In damp soil in shade
near # 16423; abundant
fl. whitish with pink tips on
corolla lobes

ditto

16426

Shrub; fl. white
Near # 16423

ditto

16427

Dioclea - Rubiaceae
Near # 16423
fl. white

ditto

16428

Yellow-eyed grass
fl. yellow
Near # 16423; in
thicket

ditto

16429

Leaf spat - beautiful on
Compositae Oct. 29
on path, near # 16423

ditto

at La Cumbre between Comtanga
and Jaraburo - at 4000 ft

Oct. 29, 1947

16430

H. A. Allard

In pine forested territory
Sun on grass; for Path.

16431

Eupatorium: fl. purple
In Comtanga Valley -
at 3400 ft. Oct. 29, 47
H. A. Allard

ditto

16432

Compositae lilac fl. lilac
a wild Gramineae: leaves
with reddish shade in middle

ditto

16433

Sambucus

Near # 16431; cultivated
for medicinal virtues

ditto

16434

Malvaceae

Tall 2-3 ft

fl. bluish purple; petals
with darker long, lines of deeper
purple; glossy; also cult.

ditto

16435

in Comtanga

Moringa glauca

In Comtanga Valley - on
hillsides near # 16432

ditto

16436

fl. deep rose

Common

fl. white, in heads
near # 16432

Low, prostrate plant;
fl. very small,
whitish to pinkish

16437

Near # 16432
on bank

same
date
data
etc

16438

Phytolacca - on road
to Valley Negro from
Comtanga Oct. 28, 47
at 4008 feet: tall, fl.
pink; showy; common

ditto

16439

pink fl. Polygala
In pine forest near
16438

ditto

16440

Papaveraceae

Near # 16438
4-5 ft

ditto

16441

Lantana - fl. orange to
red; in pine forest near
16438 at 4000 ft

ditto

16442

Centrosema

In thicket near
16438; common
fl. purple. Here

ditto

16443

Rubiaceae

fl. white. Diodia
near # 16438

ditto

Grass ^{mt.} In pine forest
near on road to Valley Nuevo
16444 from Comtanga Oct. 28
1947, at 4000 ft. H.A. Allard
In pine forest at 4100 ft.

16445 Sedge. In wet spot
in pine woods near
16444 ditto

16446 Shrub; berries dark red;
leaves with crimson
variation beneath - in mid-
rib and laterals. Fl. large
Near # 16444 deep crimson
Lignum, trailing, in dense
fl. deep rose purple, racemes
Near # 16444 less drooping ditto

16447 Compositae
Near # 16444 ditto

16449 Aster fl. whitish to
bluish
Near # 16444 ditto

16450 Sedge
Near # 16444 in
wet shady woods; common ditto

Paricuma
In pine forest near
16451 # 16444
at 4100 ft. Same data,
date ch.

16452 In pine forest
16444
fl. white at 4100 ft. ditto

16453 Salvia
Near # 16452
at 4100 ft. ditto

16454 Desmodium
Near # 16452
Trailing at 4100 ft. ditto

16455 Fern on rocks near
at 4100 feet in pine
forest, near # 16452 ditto

16456 Mint; fl. whitish
to pinkish.
with # 16452 ditto

16457 Convolvulus; fl. light blue
with # 16452 ditto

Salvia white fl.
In moist pine forest on good
16458 from Guastamiza to Valle Nuevo
Oct. 28, 1947
Ha. allard at 9100 ft

16459 Near # 16458
shrub; fl. white to ditto
pinkish on back of petals,

16460 Grass - Poa?
Near # 16458 ditto

16461 Andropogon
In pine forest near
16458 ditto

16462 Mint; fl. whitish; lower lip
pink; near # 16458 ditto
3-4 ft.
H. 20

16463 Hieracium
In pine forest near
16458 ditto
fl. yellow.

16464 Andropogon
Near # 16458 ditto

Polygala
bl. rose
Near # 16458 ditto
Same date
data

16466 Sedge
In pine forest near # 16458 ditto

16467 Begonia
In pine forest near
16458 ditto
pink fl.

16468 Eupatorium
2-3 ft; fl. lilac-purple ditto
Near # 16458

16469 Setaria
Near # 16458 ditto

16470 Bidens
yellowish heads
Near # 16458 ditto

16471 Paspalum
Near # 16458 ditto

sedge
In moist soil near spring
moist pine forest at 4100 ft
16472 on road from Constanza to
Valle Nuevo Oct. 28, '47
H.A. Allard

16473 Large yellow flowers -
shrub - 3 ft
Near # 16472 ditto

16474 Comp.
Near # 16472 ditto

16475 Panicum - stiff - in
red pine slope
near # 16472 ditto
Stiff, wiry.

16476 Satureia - prostrate
descending,
Near # 16472 ditto
fl. white

16477 Low, creeping, in mud
Near # 16472 ditto
Primulaceae

16478 Polygomon; fl. white
In dolich with # 16477 ditto

Setaria 3
Near # 16472 same
date,
data,
etc

16479

16480 Woody vine very showy
fl. like morning glory, leaf
rose; leaves 5-6 palmate
leaflets; same as 16472 ditto
very showy. Near # 16472

16481 Cassia
fl. yellow; low shrub
Near # 16472 ditto

16482 Mikania; fl. white
In moist pine forest
near # 16472 ditto
fl. not fragrant.

16483 Composite
fl. small yellow
Hairs glutinous & prostrate
with long glutinous hairs ditto

16484 Panicum
In pine forest at 4200 ft
on road from Constanza to
Valle Nuevo, Oct. 28 ditto
H.A. Allard

16485 Shrub; berries red
like a Berberis ditto
Near # 16484

Palga -
At 4200 ft. in moist,
almost mossy pine forest on road
16486 from Constanta to Valle Nuevo
Oct. 28, 1947
H.A. Allard

16487 Tall shrub or small tree
near # 16486 ditto
Leaf spec. for V.S.D.A.

16488 Panicum
near # 16486 ditto

16489 Cassia
fl. yellow - shrub ditto
near # 16486

16490 Tall Legume; fl. bluish
4-5 ft. ditto
near # 16486

16491 Bidens - heads yellow
near # 16486 ditto

16492 Pilea - trailing
Near # 16486 ditto

Galienum

#16492 A At 4000 ft
on road from Constanta
to Valle Nuevo; Oct. 28
In mossy pine forest -
H.A. Allard fl. white

#16492 B Hieracium
with # 16492 A ditto
fl. yellow

16492 C Panicum
with # 16492 A ditto

16492 D Trailing; fl.
greenish white ditto
with # 16492 A

16492 E Passiflora -
climbing - fl. yellowish ditto
common in this forest
with # 16492 A

16492 F Pilea - trailing
Near # 16492 A ditto

16492 G Composite; fl. small
yellow ditto
Near # 16492 A

16493 Rubiaceae fl. white
Ascending on road from
Constanza to Valle Nuevo
at 4100 ft, Oct. 28
H.A. Allard
✓ In pine forest

16494 Low, matted Panicum
in forest near # 16493 ditto

16495 Composite; fl. small
yellow Near # 16493 ditto

16496 Panicum
Near # 16493 ditto

16497 Euterpe
Near # 16493 ditto

16498 Grass
Near # 16493 ditto

16499 Malvaceae
fl. purplish with darker
lines, Constanza Valley
Oct. 28, 1947
shrubby H.A. Allard
✓

Tillandsia
On trees at 4000 ft.
on road from Constanza to
Valle Nuevo

16500 Oct. 28, 47
On the Sabin tree
16501 H.A. Allard

16501 Wet very abundant in
pine forest.
Near Sabin - Cedar
In Constanza Valley at
3400 ft. photo ditto
near hotel

16502 Branch made of the wood
Sabin
In Constanza Valley
at 3500 ft near
Constanza Oct. 28, 47
H.A. Allard

16503 Wild rose fl. white
on road from Jara bacora
to Constanza and near La
Cumbre Oct. 27, 1947

16504 H.A. Allard Thorns deep rose
Marces etc. at
La Cumbre on road
from Constanza to Jara bacora

16505 4000 ft Oct. 29, 47
H.A. Allard
Marces with # 16504 ditto

16506 Marces etc
near # 16504 ditto

Mosses etc. coll.
at La Cumbre at 4800 ft
on road from Jaraburo
to Conclaya Oct. 29, ✓
H.A. Allard

16508 Mosses, hepatic etc.
with # 16507 ✓ ditto

16509 Mosses etc.
with # 16507 ✓ ditto

16510 Mosses etc.
with # 16507 ✓ ditto

16511 Mosses etc.
with # 16507 ✓ ditto

16512 Mosses etc.
and near # 16507 ✓ ditto
16512a

16513 Mosses, hepatic
on wood, trees etc.
near # 16507 ✓ ditto

Mosses etc.; Same date
with # 16507 data
etc.

16514 ✓

16515 Mosses etc.
with # 16507 ✓ ditto

16516 Mosses etc.
with # 16507 ✓ ditto

16517 Mosses etc.
with # 16507 ✓ ditto

16518 Mosses, hepatic
with # 16507 ✓ ditto

16519 Mosses etc.
with # 16507 ✓ ditto

16520 Mosses etc.
with # 16507 ✓ ditto

16521 Mosses, lichens
etc. in road to
valley Nuevo from Cuscuta
at 4200 ft. Oct. 28
H. A. Allard
In moist pine forest ✓

16522 Mosses etc.
with # 16521 ✓ Oct. 28
ditto

16523 Mosses etc.
with # 16521 ✓ ditto

16524 Mosses etc.
with # 16521 ✓ ditto

16525 Mosses etc.
with # 16521 ✓ ditto

16525a lichen -

16526 Mosses etc.
with # 16521 ✓ ditto

16526a lichen.

16527 Mosses etc.
with # 16521 ditto

16527a lichen ✓

Mosses, lichens etc. same
with # 16521 date
data!

16528

16528a lichen ✓

16529 Lichens mostly
with # 16521 ✓ ditto

16530 Lichens
with # 16521 ✓ ditto

16531 Lichens
with # 16521 ditto

16532 Lichens
with # 16521 ✓ ditto

16533 Lichens with
16521 ✓ ditto

16534 Fruticose lichens
Oct. 28 ditto
✓

Lichens in trees etc
at 4100 ft., on road from
16535 Comtanya to Valle Nuevo
Oct. 28, 1947
H.A. Allard

16536 Lichens etc
near # 16535 ditto

16537 Lichens etc
with # 16535 ditto

16538 Fruticose lichens
with # 16535 ditto

16539 Cladonia
on logs etc
Near # 16535 ditto

16540 Lichens
with # 16535 ditto

16541 Lichens
near # 16535 ditto

Lichens on bark etc same
near # 16535 date
data
etc

16542

16543 Lichens with
16535 ditto

16544 Lichens
with # 16535 ditto

16545 Lichens
with # 16535 ditto

16546 Lichens
with # 16535 ditto

16547 Lichens with
16535 ditto

16548 Lichens with
16535 ditto

~~Lichens~~
Collected at 4100 feet
16549 near on road to Valle
Nuevo from Combaraya
Oct 28, 77. H. A. Allard

16550 Lichens
Near # 16549 ✓ ditto

16551 Lichens
Near # 16549 ✓ ditto

16552 Lichens
Near # 16549 ✓ ditto

16553 Lichens
Near # 16549 ✓ ditto

16554 Lichens
Near # 16549 ✓ ditto

16555 Lichens
near # 16549 ✓ ditto

16555 A Lichens
Cladonia - red heads
near # 16549 - on
dead wood ✓ Same date,
data

16555 B - Peltigera bluish green
soft lichens - really
cup with wavy sides
on tree near # 16549 ✓ ditto

16555 C Cup fungi
on dead wood
near # 16549 ditto

16555 D Mosses
Near # 16549 ✓ ditto

16555 E Fruticose lichens
on pine bark
near # 16549 ✓ ditto

16555 F Lichens
near # 16549 ditto

16555 G Lichens
near # 16549
on trees ditto

Lichens etc collected
at 4550 feet on road
165556 to Valle Nueva from
and Constanta. Oct. 28
16556a H. A. Allard

16557 Mosses etc
near # 16556

16558 Mosses
Near # 16556

16559 Mosses
Near # 16556

16560 Mosses etc
near # 16556

16561 Mosses etc
Near # 16556

16562 Lichens etc
Near # 16556

16562 A Lichens Same
Near # 16556 date
data

16562 B Lichens etc
near # 16556 ditto

16562 C Lichens with
16556 ditto

16562 D Lichens with
16556 ditto

16562 E Lichens
with # 16556 ditto

16562 F Lichens
Near # 16556 ditto

16562 G
Near # 16556 ditto

Mosses collected
at 4550 ft; near road
16563 leading from Cuicatlan
to Valle Negro
Oct. 28, 1947 ✓
H. G. Allard

16564 Mosses
Near # 16563 ✓ ditto

16565 Mosses
Near # 16563 ✓ ditto

16566 Mosses
Near # 16563 ✓ ditto

16567 Mosses etc
near # 16563 ✓ ditto

16568 Mosses
near # 16563 ditto

16569 Mosses, hepaticae
near # 16563 ✓

Mosses, hepaticae Same
near # 16563 date,
data

16570 ✓

16571 Mosses etc
near # 16563 ✓ ditto

16572 Mosses etc
near # 16563 ✓ ditto

16573 Mosses etc
near # 16563 ✓ ditto

16574 Mosses etc
near # 16563 ✓ ditto

16575 Mosses etc
near # 16563 ditto

16576 Mosses etc
near # 16563 ✓ ditto

Lichens near road
leading from Cuernavaca to
Valle Nuevo Oct. 28
✓ H. A. Allard
at 4550 feet ✓

16578 Lichens
Near # 16577 ✓ ditto

16579 Lichens
Near # 16577 ✓ ditto

16580 Lichens
Near # 16577 ditto

16580a ditto ✓

16581 Lichens
Near # 16577 ditto

16582 Lichens near
16577 ✓ ditto

16583 Lichens
Near # 16577 ✓ ditto

Lichens
Near # 16577

16584 ✓

16585 Lichens near
16577 ✓ ditto

16586 Lichens near
16577 ✓ ditto

16587 Lichens near
16577 ✓ ditto

16588 Lichens near
16577 ✓ ditto

16589 Lichens near
16577 ✓ ditto

16590 Lichens
Near 16577 ✓ ditto

16591

Lichens collected
at 4550 feet on steep road
from Constanza to Valle
Nueva. Oct 28, 1947
H.A. Allard

16592

Lichens
Near # 16591 ditto

16593

Mosses, hepatic
near # 16591 ditto

16594

Mosses etc
Near # 16591 ditto

16595

Mosses etc
Near # 16591 ditto

16596

Mosses etc
Near # 16591 ditto

16597

Lichens
Near # 16591 ditto

Lichens

Near # 16591

date,
data,

16598

16599

Lichens
Near # 16591 ditto
on pine trees
at 4500 ft

16600

Tillandsia
On pines near
16591: abundant, ditto

16601

Sprig of tall, slender
Gdax-like tree common
planted in Ciudad Trujillo
Oct. 31, 1947 H.A. Allard
See Photo

16602

Leaves of Yucca with leaf spots
Ciudad Trujillo Oct. 27, 1947
H.A. Allard
Cycas circinalis L.

16603

Mosses at base of trees, on
logs, ground etc., in thickets
on coral rock formation near
Ciudad Trujillo Nov. 1, 47
H.A. Allard

16604

Mosses etc, hepatics
near # 16603 ditto
and
16604a

Lichens etc on living wood
near Ciudad Trujillo, Nov. 2 '47
H.A. Allard

16605

16606

Lichens etc near
16605

ditto

16607

Lichens near
16605

ditto

16608

Lichens near
16605

ditto

16609

Lichens near
16605

ditto

16610

Hepatic
near # 16605

ditto

16611

Lichens at base of
young trees etc west of
Ciudad Trujillo one mile
on Coral Rock formation Nov 3
H.A. Allard

Mosses, hepatic
near # 16611

16612

16613

Mosses, hepatic
near # 16611

ditto

16614

Mosses, hepatic
near # 16611

ditto

16615

Mosses etc
near # 16611

ditto

16616

Mosses etc
near # 16611

ditto

16617

woody climbing vine
fl. fragrant, white, small
in spikes or racemes, yellow
near # 16611

16618

Humusophilous - Sandpaper tree
Javilla. fl. dark crimson
near # 16611

16618a

Rhizophytes

Same
date
data!

Clitoria - fl. very large, white
bracts with standard white,
centrally deep purplish red as
16619 well as tips of wings and keel
High climbing Ciudad Trujillo
in thickets. Nov. 4. Visited by
a large black humbled bee

16620 Lichens - mostly on
Cashew (Cajuput tree) near
of Ciudad Trujillo - Nov. 4 ✓
H.A. Allard

16621 Lichens on same
tree near # 16620 ✓ ditto

16622 Mosses on Cashew tree
near # 16620 ditto

16623 Lichens on bark
on Poinciana near
16620 - Lichens ✓
small, bright yellow ditto

16624 Lichens on Cashew
tree near # 16620 ditto ✓

16625 Tall shrub - fl. white
Piedra Blanca - near river
at Pinar del Rio Nov. 5.
H.A. Allard

Laguna - woody vine - fl. large very
showy, crimson. On trail near
16625 sample data

16626

✓ 16627 Low plant; Lichens on leaves
along Mainon River near
Piedra Blanca, in heavy wood ✓
Nov. 5, 47.
H.A. Allard

16628 Orchid on tree up 20 feet
fl. small yellowish ✓ ditto
Near # 16627

16629 Epiphyllum - fl. orange red
On tree near # 16627 ditto

✓ 16630 Lichens on bark of tree
climbing far up - ditto
Near # 16627

✓ 16631 Tree - Piper - Lichens
on leaves ditto
Near # 16627

✓ 16632 Woody large-leaved
erect growing to 10 ft tall ditto
near along Mainon River
Nov. 5, 1947
see photo Nov. 5

Mistletoe dangling from
trees in great draperies along
Main river near Piedra Blanca
Nov. 5, 1947

16633

✓ see photo Nov. 5
lvs. translucent, grayish
white

16634

Promeliad - narrow leaves
on tree near # 16633

ditto

16635

Lichens on # 16631
on leaves near # 16633

✓ ditto

16636

Lichens on leaves (sp. 2)
near # 16633

ditto

16637

✓ Conifer to along route
highway near Los Vilcarizos
fl. whitish

ditto

16638

✓ Promeliad - narrow leaves
in trees near # 16633

ditto

16639

✓ Promeliad leaves
broader than # 16638
Nov 5
near # 16633 in tree

ditto

Promeliad
on trees near # 16633

Same data
data

16640

16641

✓ orchid on tree near #
16633, fl. greenish yellow

ditto

16642

Lichens on leaves
near # 16633

ditto

16643

✓ Lichens on leaves
near 16633

ditto

16644

✓ Lichens on leaves
near 16633

ditto

16645

Lichens on leaves
near 16633

ditto

16646

Lichens on leaves
near # 16633

ditto

Lichens on leaves near
16633 - along Maimon
16647 River near Piedra Blanca ✓
Nov. 5, '47. H. A. Allard

16648 Lichens on leaves
Near # 16647 ditto ✓

16649 Lichens on leaves
Near # 16647 ✓ ditto

16650 Lichens on leaves
Near # 16647 ✓ ditto

16651 Lichens on leaves
Near # 16647 ✓ ditto

16652 Lichens on leaves -
low herbaceous plant
in woods along river
Nov. 5 Near # 16647 ✓ ditto

16653 Lichens on orange leaves
Near # 16647 ✓ ditto

Hepaticas or mosses on
orange leaves on same
tree with # 16653. Same date
data etc

16654 Near # 16647 ✓

16655 Long, slender reddish
masses growing on and
over a bromeliad in tree ✓ ditto
Near # 16647 - 20-30 ft.
above pond; no other seen

16656 Bromeliad, in tree
Near # 16647 ✓ ditto

16657 Bromeliad, in tree near
16647 ✓ ditto

16658 Leaf spot - black - good
size on leaf of tree? ditto
Near # 16647

16659 Leaf spot on aroid ✓ ditto
16652 - near # 16647
(climbing aroid)

16660 Mosses - hepatic
in tree, near # 16647 ✓ ditto

Mosses, hepaticae in logs
trees along Mainou River near
Piedmont Blanche

16661

Nov. 3, 1947
H. A. Allard ✓

16662

Mosses, hepaticae
near # 16661 ✓ ditto

16663

Mosses, hepaticae
near # 16661 ✓ ditto

16664

Mosses, hepaticae
near # 16661 ✓ ditto

16665

Mosses, hepaticae
Near # 16661 ✓ ditto

16666

Mosses, hepaticae
Near # 16661 ✓ ditto

16667

Mosses, hepaticae
near # 16661 ✓ ditto

Mosses, hepaticae
in logs, trees near
16661

Same
date
data

16668

16668 a few
16668 b a few
16669

Mosses, hepaticae
near # 16661 ✓ ditto

16670

Mosses, hepaticae
near # 16661 ✓ ditto

16671

Mosses, hepaticae
near # 16661 ✓ ditto

16672

Mosses, hepaticae
near # 16661 ✓ ditto

16673

Mosses, hepaticae
near # 16661 ✓ ditto

16674

Mosses, hepaticae
near # 16661 ✓ ditto

Mosses, hepaticae in logs, trees
along Maimon River near Piedra
Blanca, Nov. 5, 1947
H.A. Allard

16675

16676

Mosses, hepaticae
near # 16675

ditto

16677

Mosses, hepaticae
near # 16675

ditto

16678

Mosses, hepaticae
near # 16675

ditto

16679

Mosses, hepaticae
near # 16675

ditto

16680

Mosses, hepaticae
near # 16675

ditto

16681

Mosses, hepaticae
near # 16675

ditto

Mosses, hepaticae
near # 16675

16682

same
date,
data

16683

Mosses, hepaticae
near # 16675

ditto

16684

Mosses, hepaticae
near # 16675

ditto

16685

Mosses, hepaticae
near # 16675

ditto

16686

Mosses, hepaticae
near # 16675

ditto

16687

Mosses, hepaticae
near # 16675

ditto

16688

Mosses, hepaticae
near # 16675

ditto

16689 Mosses, hepaticae
collected on stumps, logs, bark
along Maimon River near
Nov. 5, 1947. H. G. Allend ✓

16690 Mosses, hepaticae
near # 16689 ✓ ditto

16691 Mosses, hepaticae
near # 16689 ✓ ditto

16692 Mosses, hepaticae
near # 16689 ✓ ditto

16693 Mosses, hepaticae
near # 16689 ✓ ditto

16694 Mosses, hepaticae
near # 16689 ✓ ditto

16695 Mosses, hepaticae
near # 16689 ✓ ditto

Mosses, hepaticae
near # 16689 ✓ same
date
data!

16696

16696a lichen ✓

16697 Mosses, hepaticae
near # 16689 ✓ ditto

16698 Mosses, hepaticae
near # 16689 ✓ ditto

16699 Mosses, hepaticae
near # 16689 ditto

16700 Mosses, hepaticae
near # 16689 ✓ ditto

16701 Mosses, hepaticae
near # 16689 ✓ ditto

16701a lichen ✓

16702 Mosses, hepaticae
near # 16689 ✓ ditto

~~167~~

16703

Mosses, hepatic
on logs, trunks, trees, etc
along Main River near
Piedra Blanca
Nov. 5, 1947
H. A. Ballard

✓

16704

Mosses, hepatic

near # 16703

✓

ditto

16705

Mosses, hepatic

near # 16703

✓

ditto

16706

Mosses, hepatic

near # 16703

✓

ditto

16707

Mosses, hepatic

near # 16703

✓

ditto

16708

Mosses, hepatic

near # 16703

✓

ditto

16709

Mosses, hepatic

near # 16703

✓

ditto

16710

Mosses, hepatic
Near # 16703

same
date
data

16711

Lichens on
sticks etc

near # 16703

✓

ditto

16711a

✓

16712

Lichens

with # 16703

✓

ditto

16713

Lichens

with # 16703

✓

ditto

16714

Lichens

with # 16703

✓

ditto

16715

Lichens

with # 16703

✓

ditto

16716

Lichens

with # 16703

✓

ditto

Lichens on
trees, stump etc
16717 Along Mazon River near
Piedra Blanca Nov 5, 1947
H.A. Allard

16718 Lichens
Near # 16717 ✓ ditto

16719 Lichens on trees
Near # 16717 ✓ ditto

16720 Lichens
Near # 16717 ditto

16721 Lichens
Near # 16717 ditto

16722 Mosses, hepatics
near # 16717 ✓ ditto

16723 Mosses on rocks
near Piedra Blanca ✓
in wood cut Nov 5, 1947
H.A. Allard

Mosses on rocks;
Soil with # 16723 Same
date, date
16724 ✓

16725 Lichens on rocks
Soil near # 16723 ditto

16726 Mosses, hepatics
in narrow leaf
and bark ✓ ditto
Near # 16723 ✓

16727 Bromeliad,
On tree near # 16723 ditto

16728 Tag moss to be planted in Ciudad
Trujillo - on Avenida Bolívar
etc. see photo. Nov. 7, 1947
H.A. Allard
Has to be rigidly pruned

16729 dried mosses in Huachang,
purple

Hepatics etc ✓
on bark of trees west of
Ciudad Trujillo, Nov. 8,
H.A. Allard

16730 Lichens etc
on young trees
near # 16729 ✓ ditto

16731

Lichens on young
trees in thickets near of
Ciudad Trujillo, Nov. 8
H. A. Allard

✓

16732

Lichens near # 16731 ditto

✓

16733

Lichens near # 16731 ditto

✓

16734

Lichens near # 16731 ditto

✓

16735

Lichens near # 16731 ditto

✓

16736

Lichens near # 16731 ditto

✓

16737

Lichens near
16731 ditto

✓

Bad weed in lawns at
Ciudad Trujillo Nov. 8

16738

Very abundant
Low, fine leaved mats
dark bluish green
Euphorbiaceae

16739

Composite in mats,
small yellow flowers
very low as dense mats
Near # 16739 ditto

16740

Low, matted plants
like a tiny leaves clover
Near # 16739 ditto

16741

Rubiacae - matted
ascending plants. Very persistent
in lawns white fl.
Near # 16738 ditto

16742

Euphorbiaceae
Matted in lawns
very low lawn
Near # 16738 ditto

16743

Sensitive plant
Very good in lawns and
gardens. Near # 16738

16744

~~Pl.~~ Rubiacae rose fl.
Vine, grows wild
near La Vega in dry
banks - Ciudad Trujillo
Nov. 8 ditto

16745

Piper - Colonia Ranchar
at 2200 ft, Nov. 8, 1947
H.A. Allard on stump

16746

Pilea - near # 16745 ditto

16747

Broussonetia frutescens
Near # 16745 Nov. 8 ditto

16748

Clitoria - fl. cream
with some purplish red on
standards only, near # 16745
Nov. 8 ditto

16749

Fern sampling from
tree stump
Near # 16745 ditto

16750

fl. small, white.
Herb. near # 16745 ditto

16751

Pilea on bank
Near # 16745 ditto

16752

Composite - at Colonia
Ranchar in pasture
at 2200 feet
Nov. 8
fl. white
H.A. Allard

16753

Pilea - very fine leaved
in thin soil on rock.
Near # 16752 ditto

16754

Moss on rock
with # 16753 ditto

16755

Cyperaceae
In pasture near
16752 ditto

16756

Composite - white fl
Near # 16752 ditto

16757

Malvaceae
fl. pink.
with # 16752 ditto

16758

Very slender plant
small, white fl; Cynophylloides? ditto
Near # 16752

16759

Shrub - small fl.,
 Colonia Prampis
 at 2200 ft
 Nov. 8, 1947
 H.A. Allard

16760

Isomeriscea
 Red, shiny flower
 Near # 16759

16761

Andropogon vicinus
 Near # 16759

16762

Grass (small) in Path
 with fungus on it
 Near # 16759

16763

Moss on bank
 near # 16759

16764

Moss, hepaticae
 near # 16759

16765

Moss, hepaticae
 near # 16759

16766

Moss etc
 with # 16763

same
 date,
 data

16767

Moss etc
 with # 16763

16768

Moss etc
 with # 16763

16769

Moss etc
 with # 16763

16770

Shrub - fl. white
 3-4 ft. west of
 Ciudad Trujillo

Nov. 9, 1947 H.A. Allard

16771

Male ~~and female~~
 flowers of Vanilla
 west of Ciudad Trujillo
 Nov. 9 H.A. Allard

16772

Lichens on trees west of
 Ciudad Trujillo on coral
 rock formation Nov. 10, 1947
 H.A. Allard

Mosses, hepatic on trees
west of Ciudad Trujillo
16773 on Coral rock formation
Nov 10, 1947
H. G. Allard ✓

16773a lichens ✓

16774 Lichens
Near # 16773 ✓

Litter

16775 Hepatic
Near # 16773

ditto

16776 Lichens
near # 16773 ✓

ditto

16777 Hepatic
near # 16773 ✓

ditto

16778 Lichens
near # 16773 ✓

ditto

16779 Lichens
near # 16773 ✓

ditto

Mosses, hepatic
with # 16773
16780 or near by. ✓

Same
date
data

16781 Lichens
Near # 16773 ✓

ditto

16782 Lichens
Near # 16773 ✓

ditto

16783 Lichens on sticks
Near # 16773 ✓

ditto

16784 Moss
at base of tree
near # 16773 ✓

ditto

16785 Lichens
Near # 16773 ✓

ditto

16786 Lichens
Near # 16773 ✓

ditto

16787

Lichens on trees
west of Cindad. Tiquilla No 2, 10
on coral rock formations
V.A. all over

16788

Lichens
Near # 16787

ditto

16789

Hepatic etc
near # 16787

ditto

16789a

Lichens

16790

Hepatic etc
near # 16787

ditto

16790a

Lichen

16791

Lichens
Near # 16787

ditto

16792

Hepatic, masses
Near # 16787

ditto

16793

Lichens
Near # 16787

ditto

16794

Lichens
Near # 16787

same date
data

16795

Hepatic, masses
Near # 16787

ditto

16796

Hepatic, masses
Near # 16787

ditto

16797

Lichens
Near # 16787

ditto

16798

Hepatic, etc
Near # 16787

ditto

16799

Lichens etc
Near # 16787

ditto

16800

Lichens
Near # 16787

ditto

✓ 16801

Lichens
on trees west of Ciudad
Trujillo on Coral rock
formation Nov. 10, 1947
H. A. Allard

16802

Hepatic & mosses
on trees near # 16801

ditto

16803

Lichens
Near # 16801

ditto

16804

Lichens
Near # 16801

ditto

16805

Lichens
Near # 16801

ditto

✓ 16806

Ipomoea on wall of
bl. blue, small; very
gloriferous. Near # 16801

ditto

✓ 16807

Ipomoea
climbing on shrubs
fl. large rose.
Near # 16801

ditto

✓ 16808

Ipomoea, high climbing
fl. purple over shrubs
Near # 16801

16809

Lichens on coral
rocks near # 16801

ditto

16810

Lichens on upper
branches of large tree
Hura crepitans,
west of Ciudad Trujillo
Nov. 11, 1947. H. A. Allard

16811

Lichens
with # 16810

ditto

16812

Lichens
with # 16810

ditto

16813

Lichens
with # 16810

ditto

16814

Lichens
with # 16810

ditto

16815

Lichens on top of
limbs of large *Hura crepitans*
tree west of Ciudad Trujillo
Nov. 11, 1947
H.A. Allard
all on same tree with #16810

16816

Lichens
with # 16815 ✓ ditto

16817

Lichens
with # 16815 ✓ ditto

16818

Bamboo, in clump
60 ft. tall, very thick
west of Ciudad Trujillo
back of d. stands above 4-5 m
in diameter. Nov. 11. H.A.
Tall or
black bark pubescent with

16819

Shrub on small tree
on trail to Goodrich rubber
plantation. Piedra Blanca
Nov. 12, 1947; fl. small, white
fruit blue, small

16820

Shrub on small tree
near # 16819; fl. small, white,
fruit blue, small ditto

16821

Tree fern in woods
near # 16819
15-16 ft tall.
all from top of one leaf ✓ ditto

16822

Leafy spot on leaves of
Mulleberry
near # 16819 on path. ✓
Samoensis
Cactus
afinitatis
young

16823

Shrub - fl. white
near # 16819 ditto

16824

Shrub - fl. purplish
near # 16819 ditto

16825

Grass on
bank near # 16819 ditto

16826

On moist bank
near # 16825 ✓ ditto

16827

Leaves of *Ardisia*
fruit of which is bright fleshy
and mottled
Along M. de... River near bridge at...
Piedra Blanca

16828

Pilaeos
on stump
near # 16819. ditto

Lichens on trees in arroyo
west of Piedra Blanca just above
Maudslayi River, near Goodrich
16829 rubber groves, Nov. 12,
H. A. Allard ✓

16830 Lichens
on trees near #1 16829 ✓ ditto

16831 Lichens on trees
near # 16829 ✓ ditto

16832 Lichens on trees
near # 16829 ✓ ditto

16833 Lichens on trees
near # 16829 ✓ ditto

16834 Lichens on trees
near # 16829 ✓ ditto

16835 Lichens on trees
near # 16829 ✓ ditto

Lichens on trees etc
near # 16829 Oct 12,
H. A. Allard

16836 ✓

16837 Lichens on trees
etc near # 16829 ✓ ditto

16838 Lichens on trees etc
near # 16829 ✓ ditto

16839 Lichens on trees etc
near # 16829 ✓ ditto

16840 Lichens on trees etc
near # 16829 ✓ ditto

16841 Lichens on trees etc
near # 16829 ✓ ditto

16842 Lichens on trees etc
near # 16829 ✓ ditto

16843

Lichens on trees etc
in arroyo near Goodrich
Rubber groves, Piedra Blanca
Nov 12 H.A. Allard

16844

Lichens on trees
etc near # 16843 ditto

16845

Lichens on trees
etc. near # 16843 ditto

16846

Lichens on trees
etc near # 16843 ditto

16847

Lichens on trees etc
near # 16843 ditto

16848

Lichens on trees etc
near # 16843 ditto

16849

Lichens on trees etc
near # 16843 ditto

16850

Lichens etc on trees
near # 16843

Nov 12

H.A. Allard

16851

Lichens on trees etc
near # 16843 ditto

16852

Lichens on trees etc
near # 16843 ditto

16853

Lichens on trees etc
near # 16843 ditto

16854

Lichens on trees etc
near # 16843 ditto

16855

Lichens on trees
etc near # 16843 ditto

16855a

16856

Lichens on trees
etc near # 16843 ditto

Lichens on trees etc
in arroyo near Joseph
Rubber groves at Piepho
16857 Blanca, Nov 12, '47
H.A. Allard

✓

16858 Lichens on trees
near # 16857

✓

16859 Lichens on trees
near # 16857

✓

16860 Lichens on trees near
16857

✓

16861 Lichens on trees near
16857

✓

16862 Lichens on trees
near # 16857

✓

16863 Lichens on trees
near # 16857

✓

Lichens on trees
near # 16857

16864

✓

16865 Lichens on trees
near # 16857

✓

ditto

16866 Mosses etc
on trees and soil
Near # 16857

✓

ditto

16867 Mosses, hepatics
on trees etc near
16857

✓

ditto

16868 Mosses, hepatics
near # 16857

✓

ditto

16869 Mosses, hepatics
near # 16857

✓

ditto

16870 Mosses, hepatics
near # 16857

✓

ditto

16870 a lichen ✓

Mosses, hepaticae
on trees etc. in arroyo near
16871 Goodrich rubber grove
at Piedra Nov. 12, 1947
H.A. Allard ✓

16872 Mosses, hepaticae
near # 16871 ✓ ditto

16873 Mosses, hepaticae
near # 16871 ✓ ditto

16874 Mosses, hepaticae
near # 16871 ✓ ditto

16875 Mosses, hepaticae
near # 16871 ✓ ditto

16876 Mosses, hepaticae
near # 16871 ✓ ditto

16877 Mosses hepaticae
near # 16871 ✓ ditto

Leaf spots on
Andropogon furcatus
16878 Colonia Ranchar
Nov. 8, 1947
H.A. Allard ✓

16879 Mosses, hepaticae Nov. 12
near # 16871 ✓ H.A. Allard

16880 Mosses, hepaticae
near # 16871 ✓

16881 Mosses, hepaticae
near # 16871 ✓

16882 Mosses, hepaticae
near # 16871 ✓

16883 Mosses, hepaticae
near # 16871 ✓

16884 Mosses, hepaticae
near # 16871 ✓

Mosses and hepatics on
trees etc., logs on mounds
near Goodrich rubber grove
Piedra Blanca - about 850 ft.,
Nov. 12, 1947
H.A. Allard

16885

16886

Mosses and hepatics
near # 16885

ditto

16887

Mosses and hepatics
near # 16885

ditto

16888

Mosses and hepatics
near # 16885

ditto

16889

Mosses and hepatics
near # 16885

ditto

16890

Mosses and hepatics
near # 16885

ditto

16891

Mosses and hepatics
near # 16885

ditto

Mosses, hepatics
near # 16885

Nov. 12, '47
H.A. Allard

16892

16893

Mosses, hepatics
near # 16885

ditto

16893a

lichen

16894

Mosses, hepatics
near # 16885

ditto

16895

Mosses, hepatics
near # 16885

ditto

16896

Mosses, hepatics
near # 16885

ditto

16897

Mosses, hepatics
near # 16885

ditto

16898

Mosses, hepatics
near # 16885

ditto

Mosses, hepaticae
collected near Woodruff rubber
grove near Piedra Blanca,
Nov. 12, 47 in arroyo
H.A. Allard

16899

✓

16900

Mosses, hepaticae
near # 16899

✓

16901

Mosses, hepaticae
near # 16899.

✓

16902

Mosses, hepaticae
near # 16899

✓

16903

Mosses, hepaticae
near # 16899

16904

Mosses, hepaticae
near # 16899

✓

16905

Mosses, hepaticae
near # 16899

✓

Mosses, hepaticae Nov. 12, 47
near # 16899. H.A. Allard

16906

✓

16907

Mosses, hepaticae
near # 16899

✓

ditto

16908

Mosses, hepaticae
near # 16899

✓

ditto

16909

Mosses, hepaticae
near # 16899

✓

ditto

16910

Mosses, hepaticae
near # 16899

✓

ditto

16911

Mosses, hepaticae
near # 16899

✓

ditto

16912

Mosses, hepaticae
near # 16899

✓

ditto

Mosses, hepatic, collected
in arroyos near Goodrich rubber
grove near Piedra Blanca

16913

200-375 ft, elev.

Nov. 12, 1947

H. A. Allard



16914

Mosses, hepatic

near # 16913



ditto

16915

Mosses, hepatic

near # 16913



ditto

16916

Mosses, hepatic

near # 16913



ditto

16917

Mosses, hepatic

near # 16913



ditto

16918

Mosses, hepatic

near # 16913



ditto

16919

Mosses, hepatic

near # 16913



ditto

Mosses, hepatic

near # 16913

Nov. 12, 47

H. A. Allard

16920

16921

Mosses, hepatic

near # 16913



ditto

16922

Mosses, hepatic

near # 16913



ditto

16923

Mosses, hepatic

near # 16913



ditto

16924

Mosses, hepatic

near # 16913



ditto

16925

Mosses, hepatic

near # 16913



ditto

16926

Mosses, hepatic

near # 16913



ditto

Mosses, hepatic in arroyo
near Goodrich Butte just near
Piedra Blanca at 350-375 ft.
16927 alt. Nov. 12, '47. H.A. Allard

✓

16928 Mosses, hepatic
near # 16927 ✓ ditto

16929 Mosses, hepatic
near # 16927 ✓ ditto

16930 Mosses, hepatic
near 16927 ✓ ditto

16931 Mosses, hepatic
near # 16927 ✓ ditto

16932 Mosses, hepatic
near # 16927 ✓ ditto

16933 Mosses, hepatic
near # 16927 ✓ ditto

Mosses, hepatic Nov. 12
near # 16927 H.A. Allard

16934 ✓

16935 Mosses, hepatic
near # 16927 ✓ ditto

16936 Mosses, hepatic
near # 16927 ✓ ditto

16937 Mosses, hepatic
near # 16927 ✓ ditto

16938 Mosses, hepatic
near # 16927 ✓ ditto

16939 Mosses, hepatic
near # 16927 ✓ ditto

16940 Mosses, hepatic
near # 16927 ✓ ditto

Mosses, hepatic
in arroyo near Goodrich, rubber
floor at 350-375 ft. near
16941 Piedra Blanca, Nov. 12, '47
H.G. Allard ✓

16942 Mosses, hepatic
near # 16941 ✓ ditto

16943 Mosses, hepatic
near # 16941 ✓ ditto

16944 Mosses, hepatic
near # 16941 ✓ ditto

16945 Mosses, hepatic
near # 16941 ✓ ditto

16946 Mosses, hepatic
near # 16941 ✓ ditto

16947 A large mass of hepatic
during dark wrapping also leaves
tell the stems appear round in
mountain - these spread to several
times their size and are most
beautiful. Near # 16941 ✓ ditto

Mosses, hepatic Nov. 12
near # 16941 H.G. Allard

16948 ✓

16949 Mosses, hepatic
near # 16941 ✓ ditto

16950 Mosses, hepatic
near # 16941 ✓ ditto

16951 Mosses, hepatic
near # 16941 ✓ ditto

16952 Mosses, hepatic
near # 16941 ✓ ditto

16953 Mosses, hepatic ✓ ditto
and
16953a ✓

16954 Mosses, hepatic ✓ ditto
near # 16941

Mosses, hepaticae
in arroyo on trees etc., near
Goodrich rubber grove
16955 at 350-375 ft., near Piedra Blanca,
Nov. 12, H. A. Allard

16956 Mosses, hepaticae
near # 16955 ditto

16957 Mosses, hepaticae
near # 16955 ditto

16958 Mosses, hepaticae
near # 16955 ditto

16959 Mosses, hepaticae
near # 16955 ditto

16960 Mosses, hepaticae
near # 16955 ditto

16961 Mosses, hepaticae
near # 16955 ditto

Mosses, hepaticae
in arroyo, on trees, logs etc.
near Goodrich rubber grove, ✓
16962 at alt. 350-375 ft., alt.
and Nov. 12-14, H. A. Allard
16962a

16963 Mosses, hepaticae
near # 16962 ditto

16964 Mosses, hepaticae
near # 16962 ditto

16965 Mosses, hepaticae
near # 16962 ditto

16966 Mosses, hepaticae
near # 16962 ditto

16967 Mosses, hepaticae
near # 16962 ditto

16968 Mosses, hepaticae
near # 16962 ditto

Mosses, hepatic, in arroyo on
trees, shrubs, near hydroch
subergrasses, at alt. 350-375 ft.
16969 near Piedra Blanca,

16970 Mosses, hepatic
near # 16969 ditto

16971 Mosses, hepatic
near # 16969 ditto

16972 Mosses, hepatic
near # 16969 ditto

16973 Mosses, hepatic
near # 16969 ditto

16974 Mosses, hepatic
near # 16969 ditto

16975 Mosses, hepatic
near # 16969 ditto

Mosses, hepatic Nov. 12
near # 16969 H. A. Allard

16976

16977 Mosses, hepatic
near # 16969 ditto

16978 Mosses, hepatic
near # 16969 ditto

16979 Mosses, hepatic
near # 16969 ditto

16980 Mosses, hepatic
near # 16969 ditto

16981 Mosses, hepatic
near # 16969 ditto

16982 Mosses, hepatic
near # 16969 ditto

Mosses, hepatic on trees, logs, near
roughish rubber grove, in arroyo;
at alt. 350-375 ft; near Piecha
Blanca. Nov. 12, H.A. Allard

16983

16984

Mosses, hepatic
near # 16983

16985

Mosses, hepatic
near # 16983

16986

Mosses, hepatic
near # 16983

16987

Mosses, hepatic
near # 16983

16988

Mosses, hepatic
near # 16983

16989

Mosses, hepatic
near # 16983

Mosses, hepatic
near # 16983

16990

16991

Mosses, hepatic
near # 16983

16992

Mosses, hepatic
near # 16983

16993

Mosses, hepatic
near # 16983

16994

Mosses, hepatic
near # 16983

16995

Mosses, hepatic
near # 16983

16996

Mosses, hepatic
near # 16983

Nov. 12
H.A. Allard

ditto

ditto

ditto

ditto

ditto

ditto

Mosses, hepatic in arroyo
near Goodrich rubber grove

169

16997 at alt. 350-375 ft ✓
near Piedra Blanca
Nov, 12, 1947. H.A. Allard

169

16998 Mosses, hepatic ✓ ditto
near # 16997

169

16999 Mosses, hepatic ✓ ditto
near # 16997

169

169

169

169

17000
15688
1312

1700
16621
37

17000
16625
375

17000
16625
375

